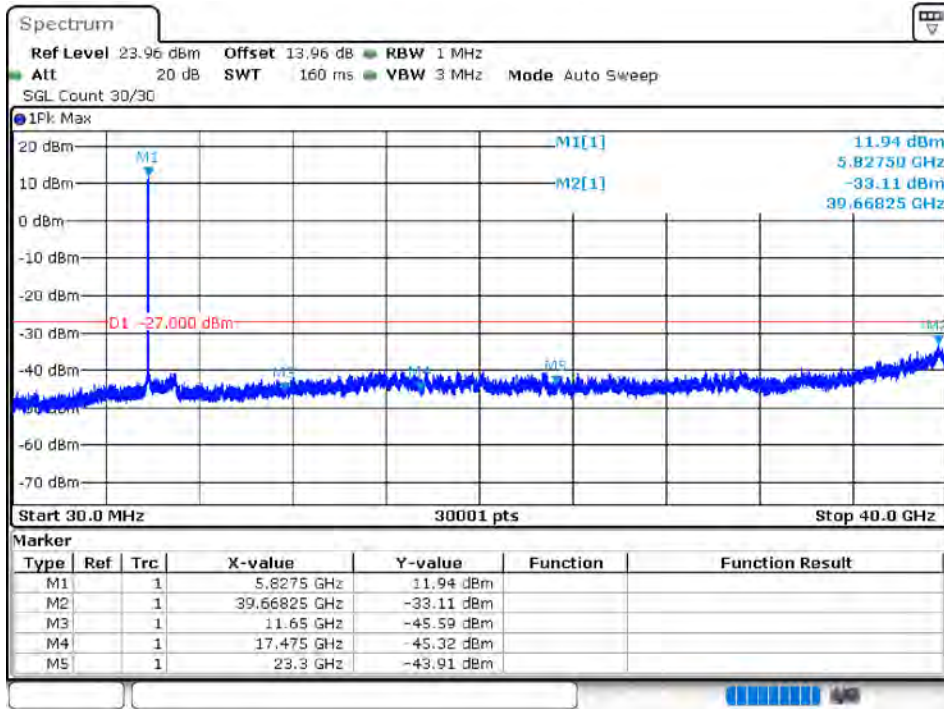
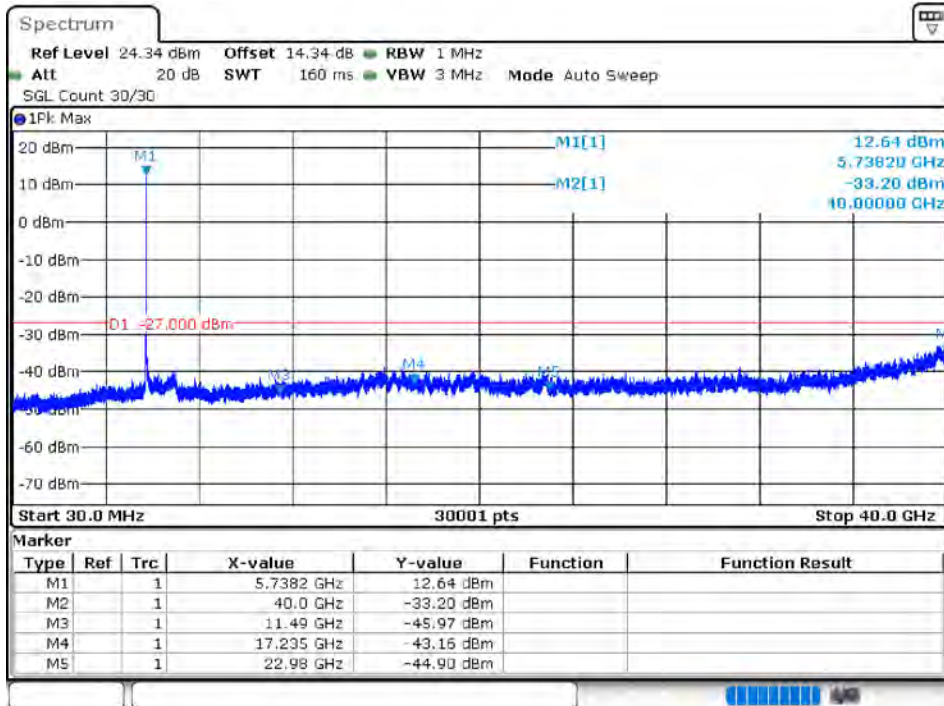


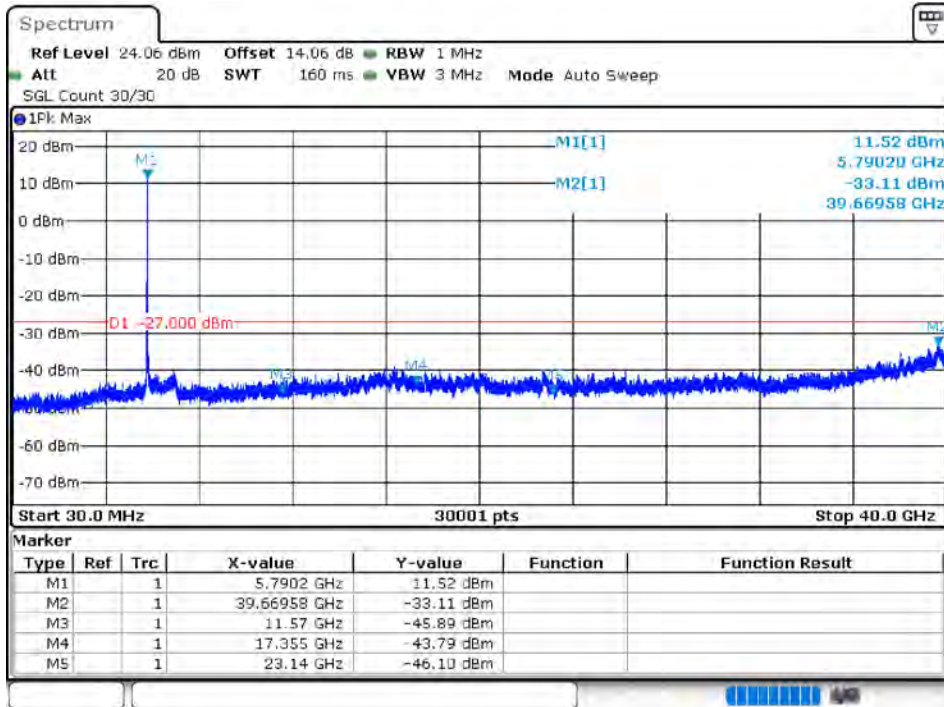
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 1 Emission



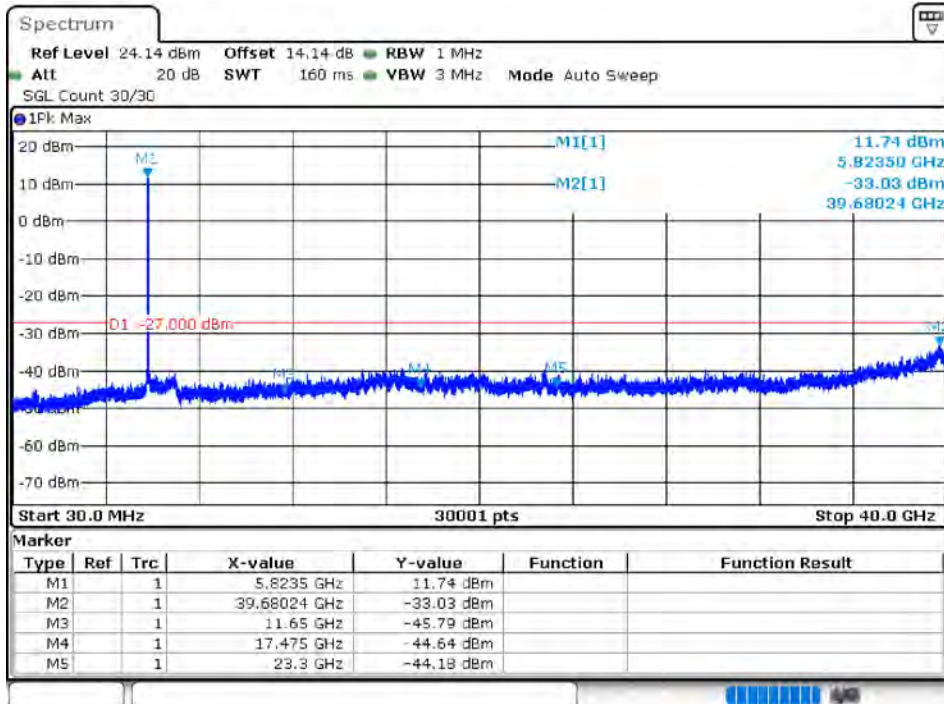
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 2 Emission



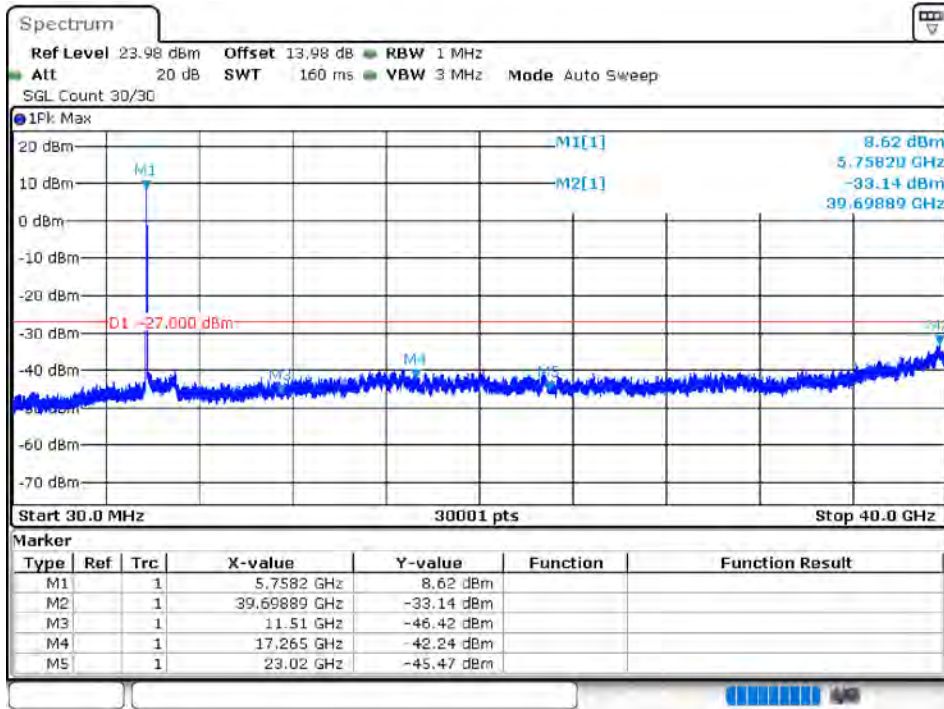
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 2 Emission



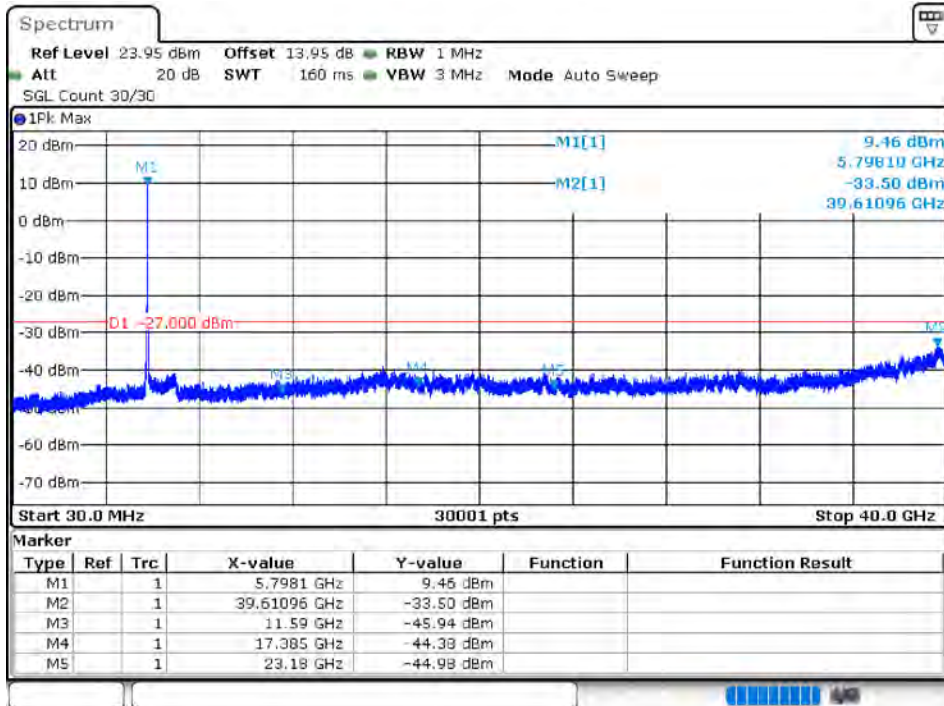
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 2 Emission



Tx. Spurious NVNT 802.11ac40 5755MHz Ant 1 Emission

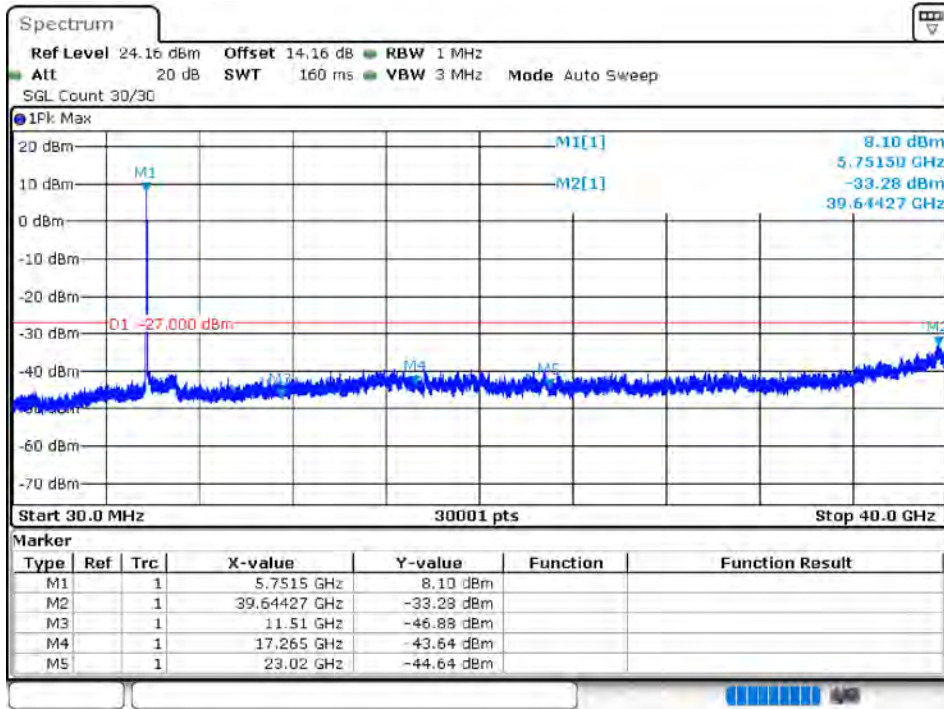


Tx. Spurious NVNT 802.11ac40 5795MHz Ant 1 Emission

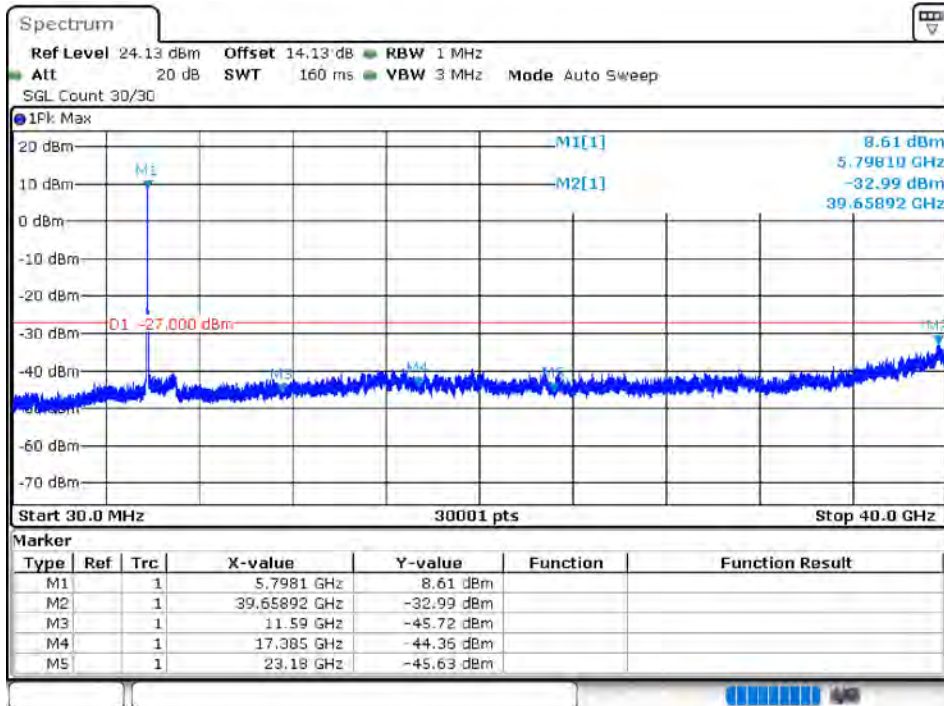




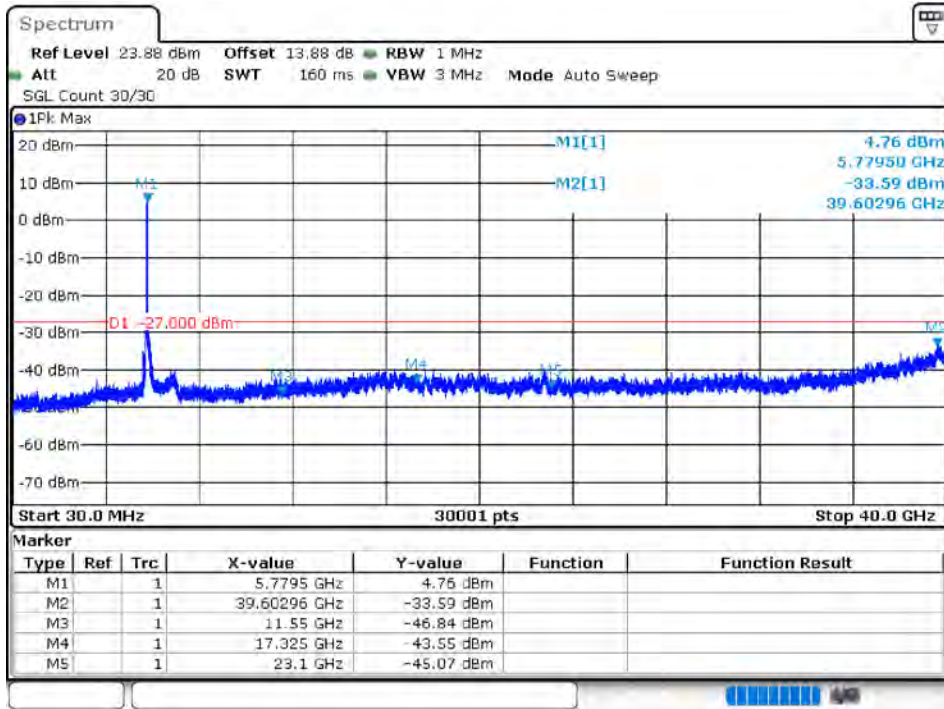
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 2 Emission



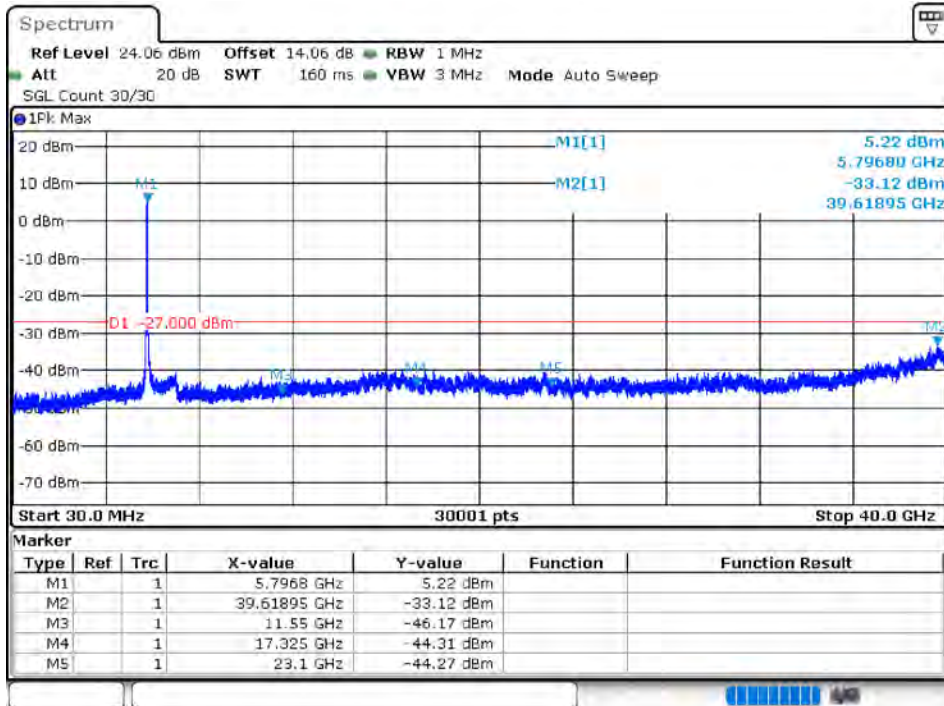
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 2 Emission



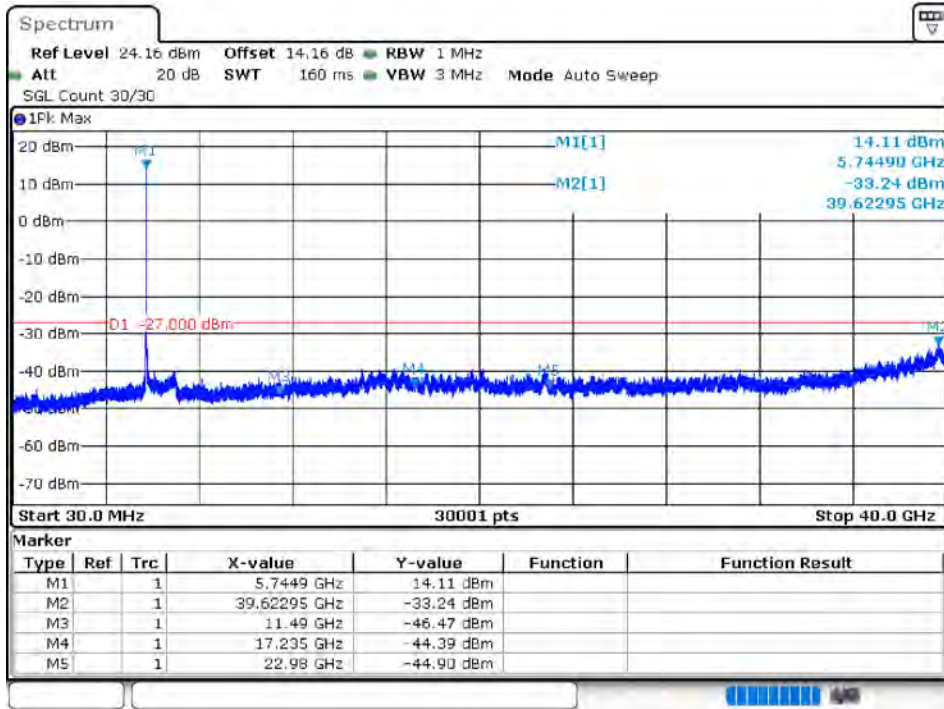
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 1 Emission



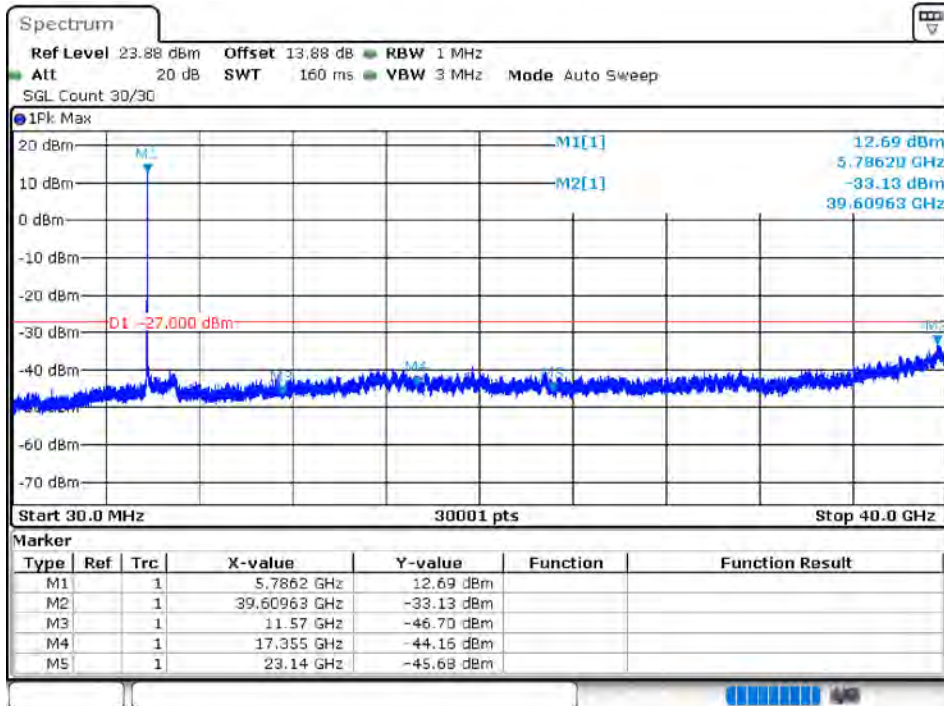
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 2 Emission



Tx. Spurious NVNT 802.11ax20 5745MHz Ant 1 Emission

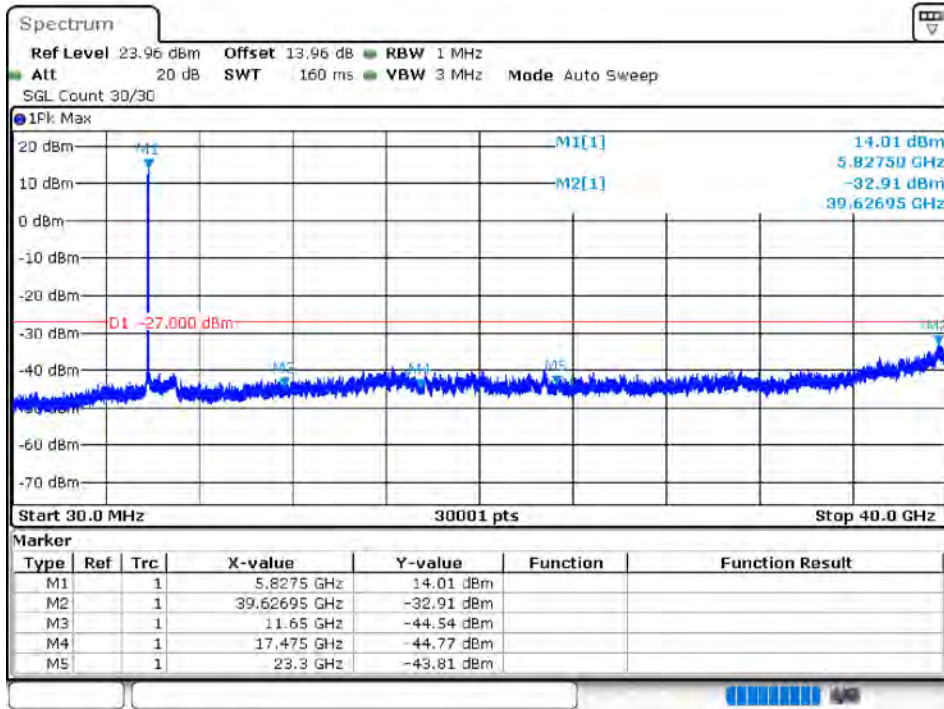


Tx. Spurious NVNT 802.11ax20 5785MHz Ant 1 Emission

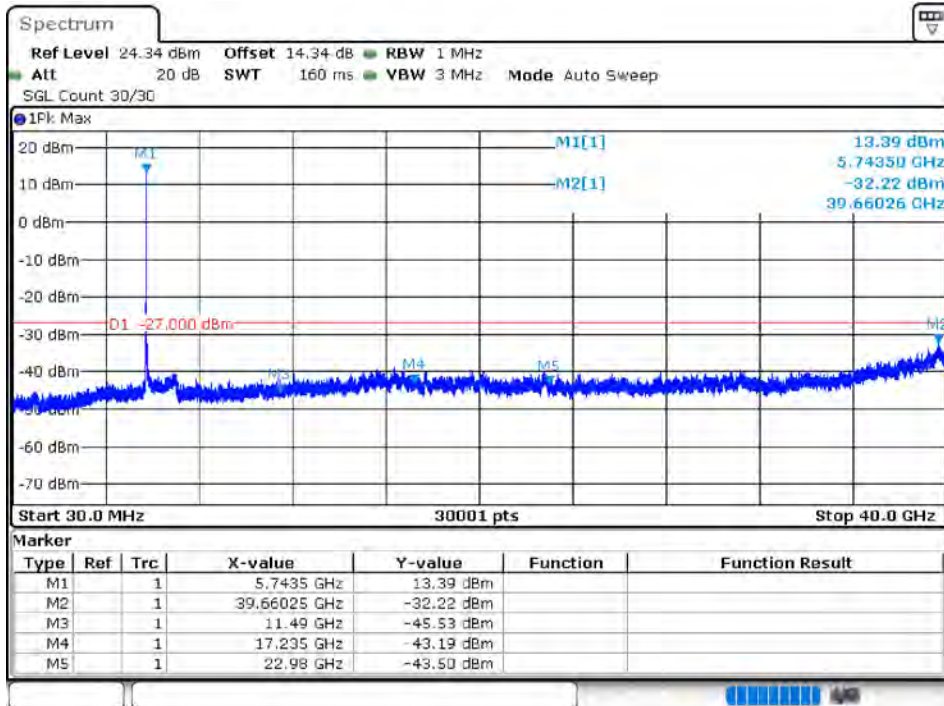




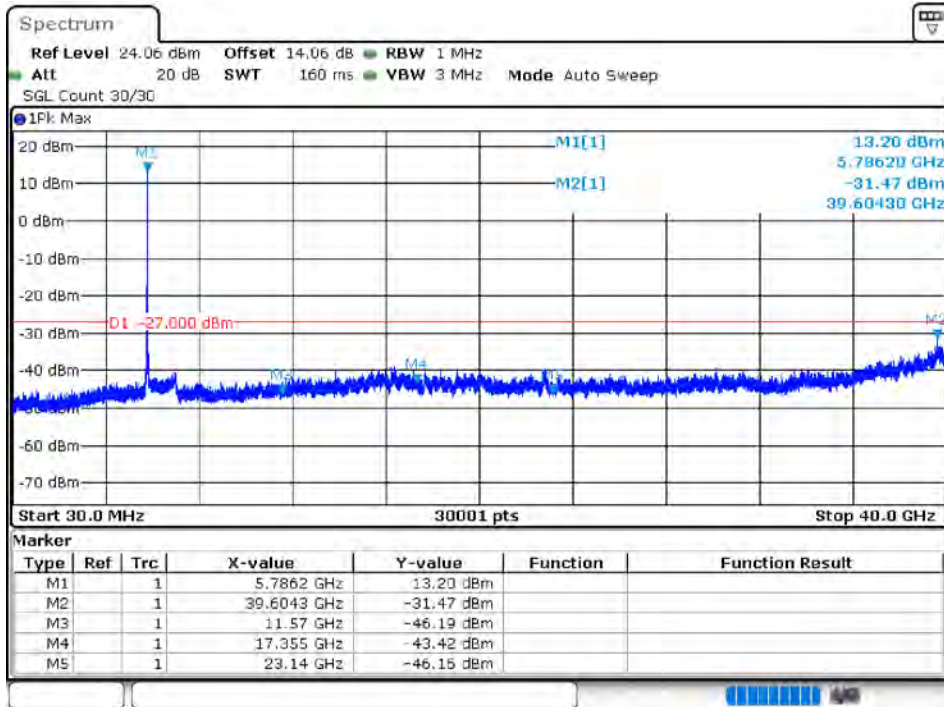
Tx. Spurious NVNT 802.11ax20 5825MHz Ant 1 Emission



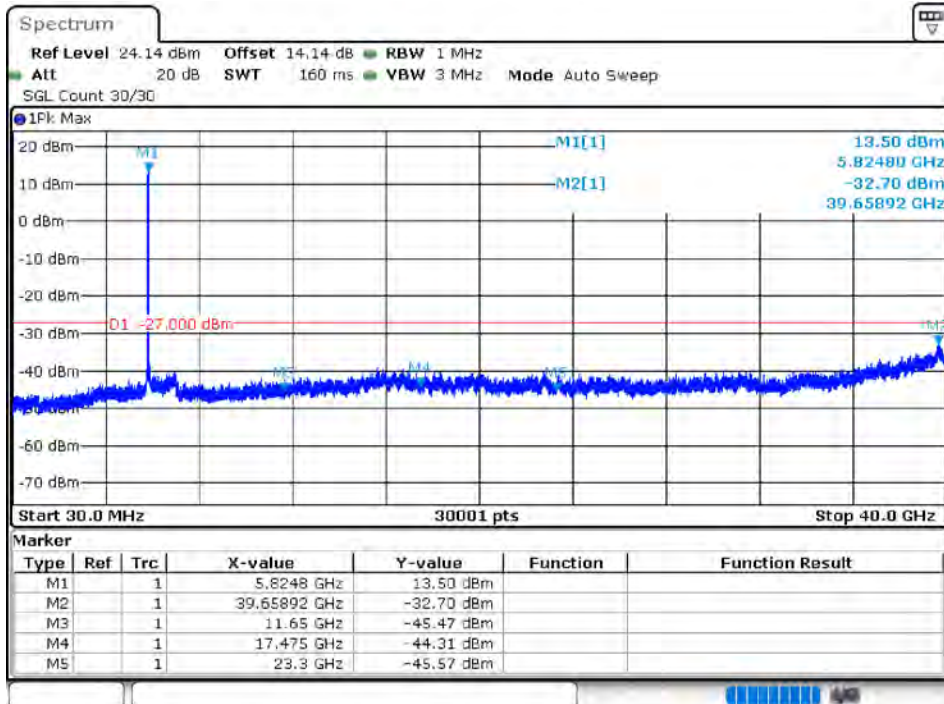
Tx. Spurious NVNT 802.11ax20 5745MHz Ant 2 Emission



Tx. Spurious NVNT 802.11ax20 5785MHz Ant 2 Emission

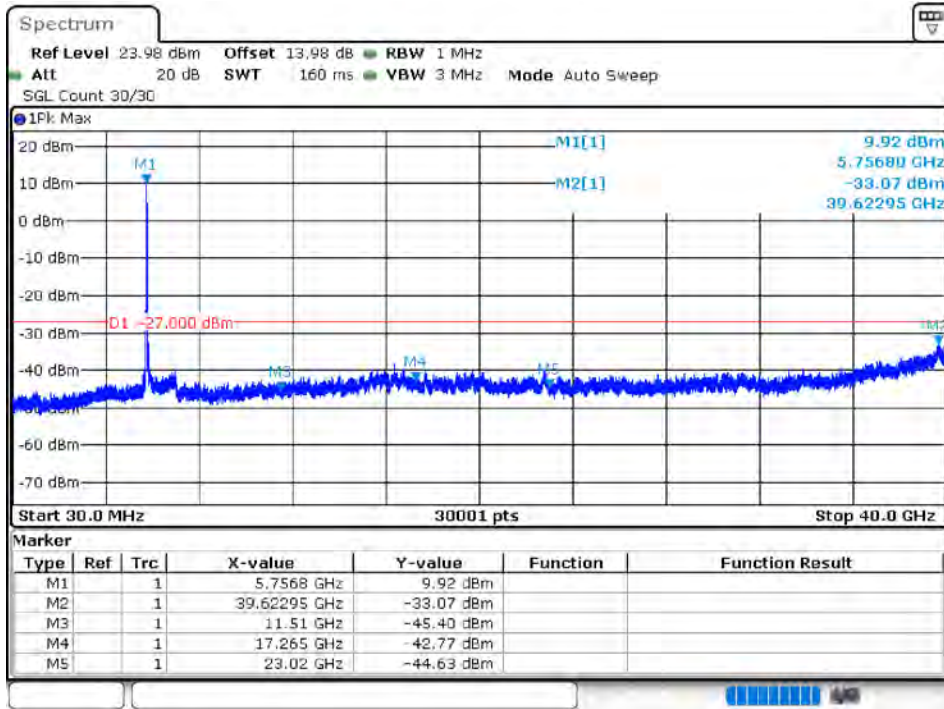


Tx. Spurious NVNT 802.11ax20 5825MHz Ant 2 Emission

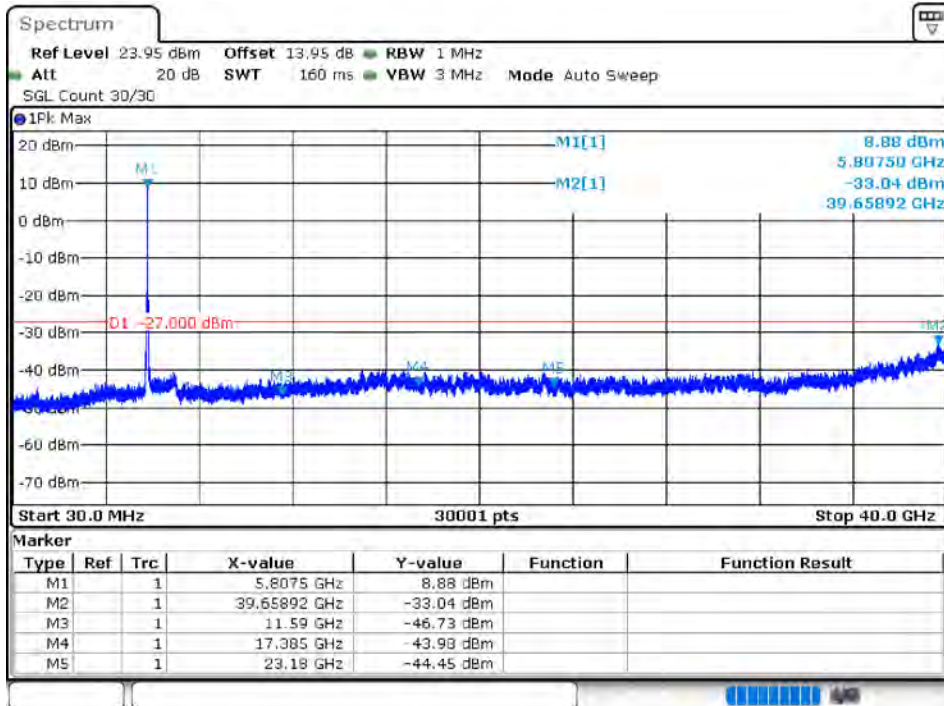




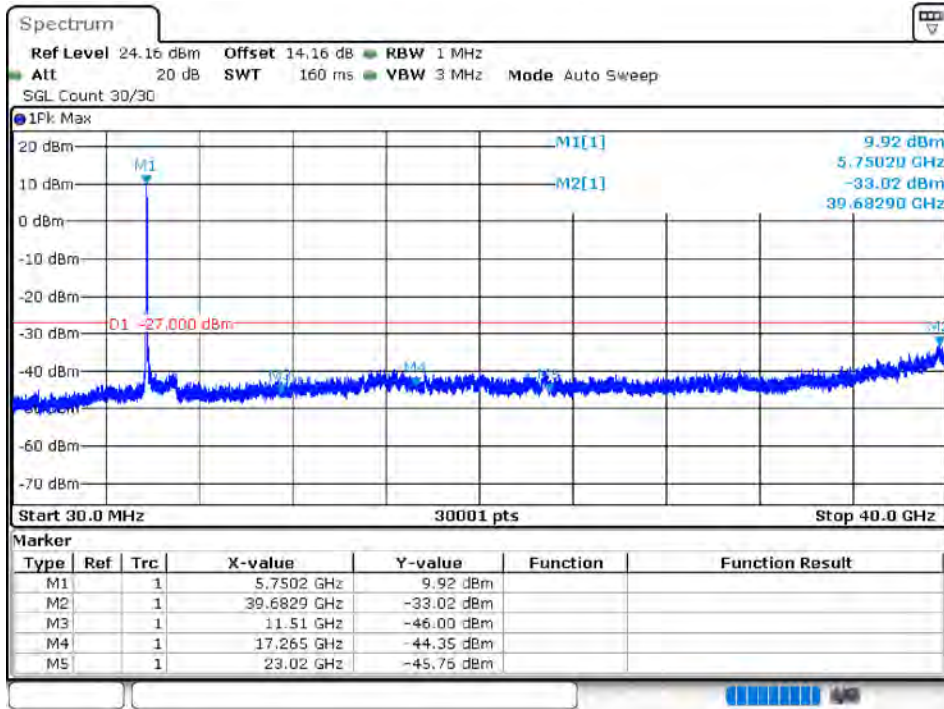
Tx. Spurious NVNT 802.11ax40 5755MHz Ant 1 Emission



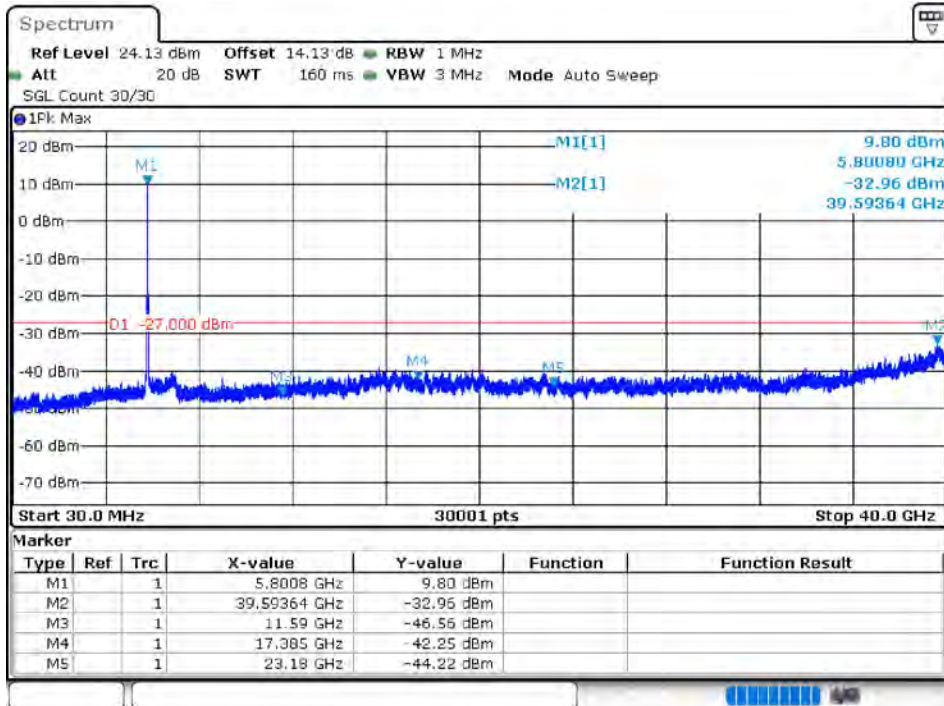
Tx. Spurious NVNT 802.11ax40 5795MHz Ant 1 Emission



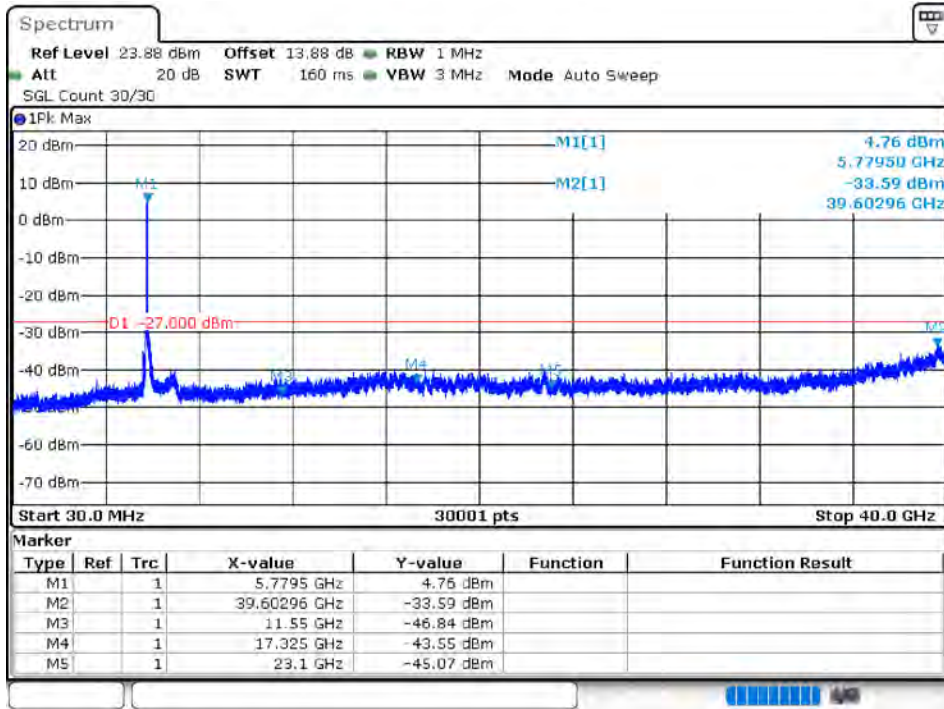
Tx. Spurious NVNT 802.11ax40 5755MHz Ant 2 Emission



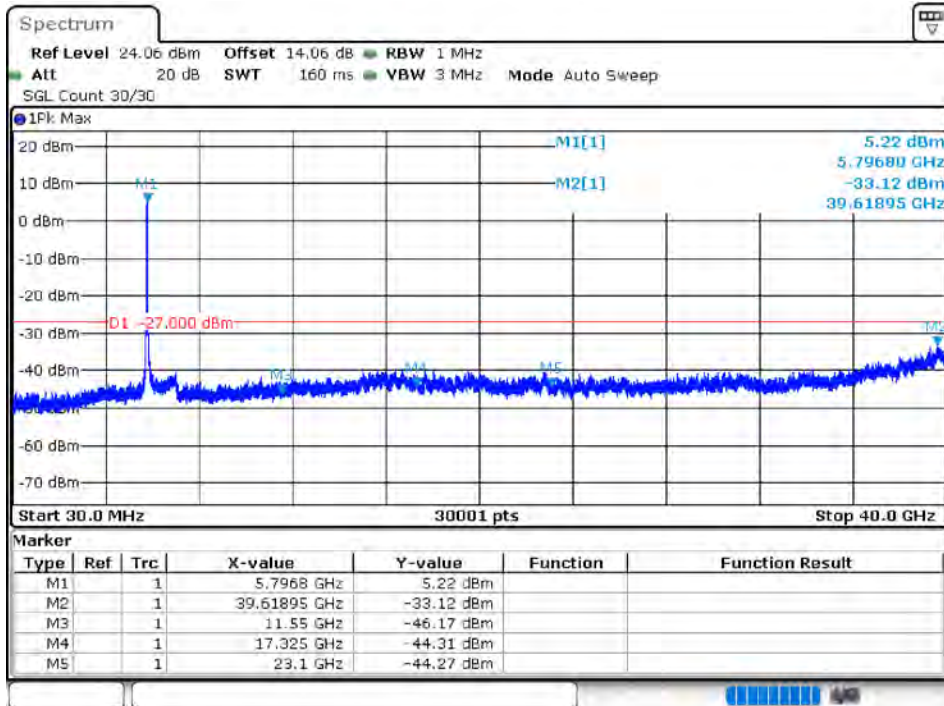
Tx. Spurious NVNT 802.11ax40 5795MHz Ant 2 Emission



Tx. Spurious NVNT 802.11ax80 5775MHz Ant 1 Emission

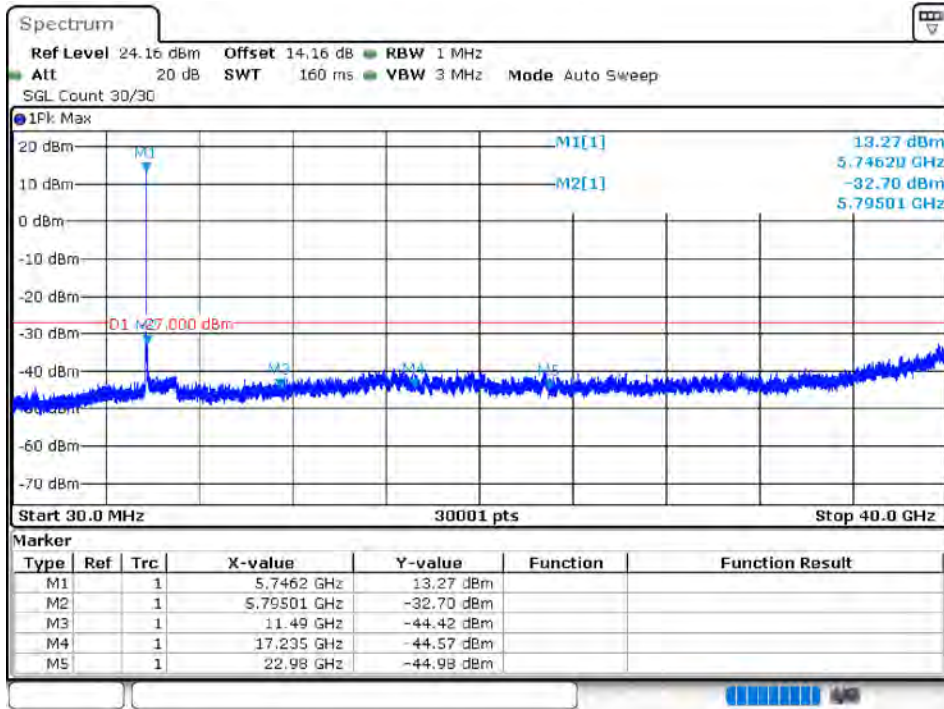


Tx. Spurious NVNT 802.11ax80 5775MHz Ant 2 Emission

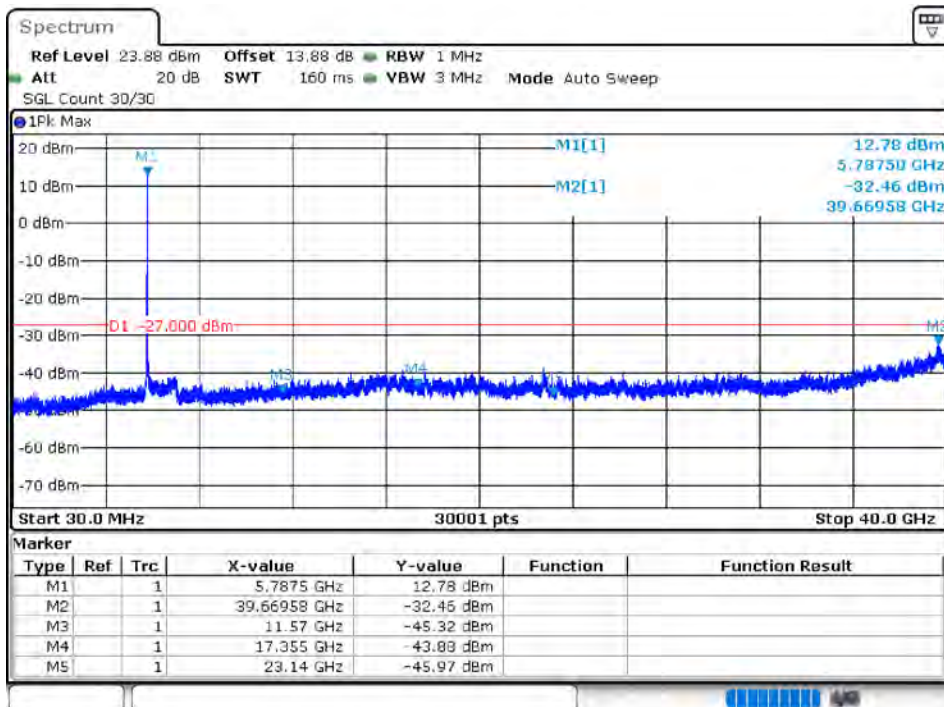




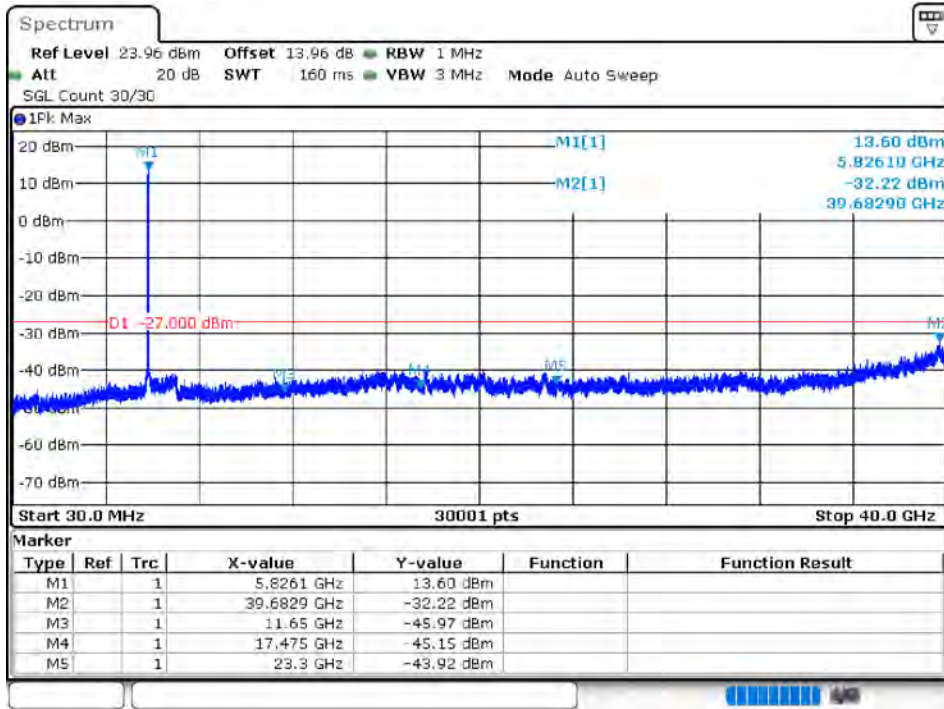
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 1 Emission



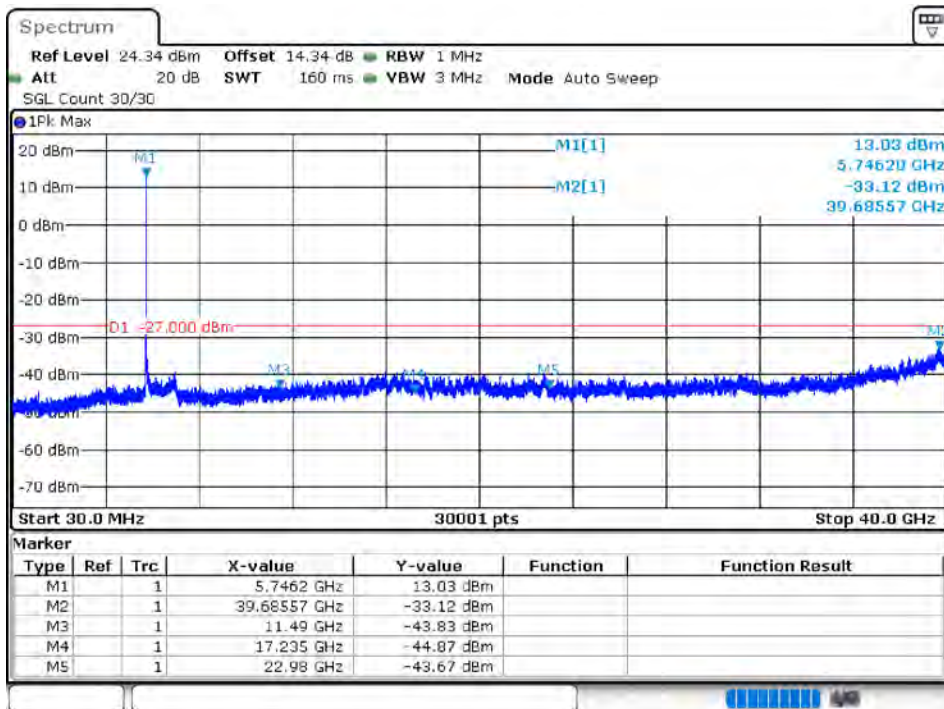
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 1 Emission



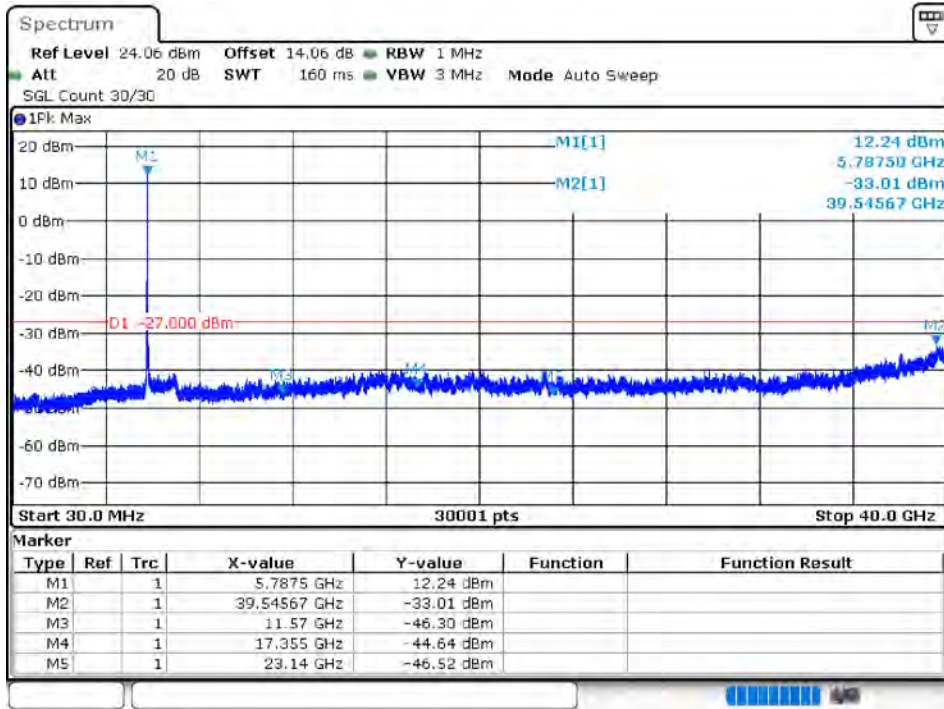
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 1 Emission



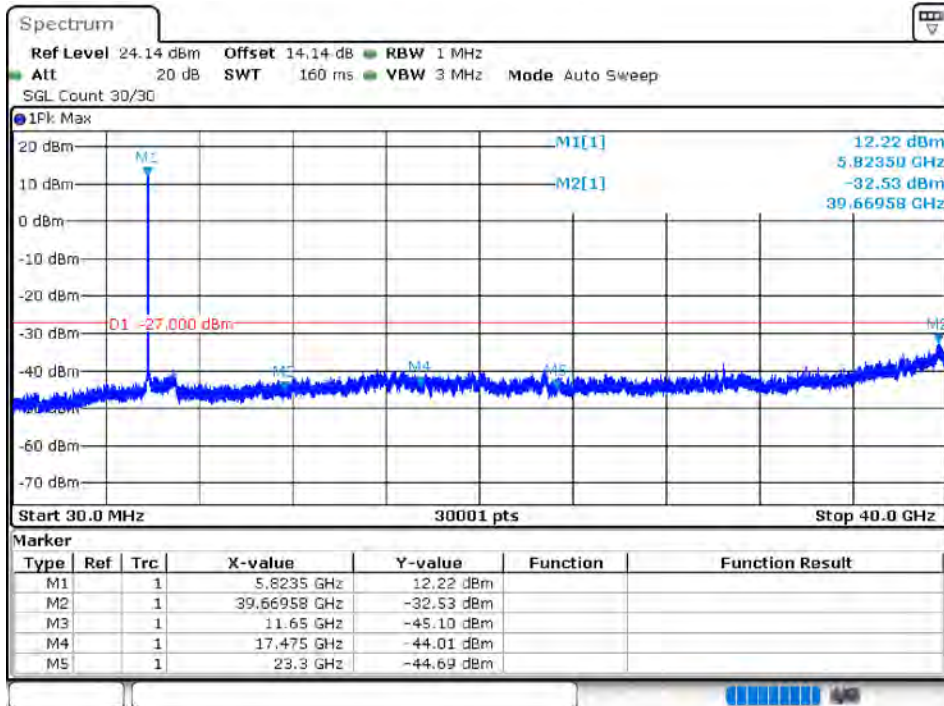
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 2 Emission

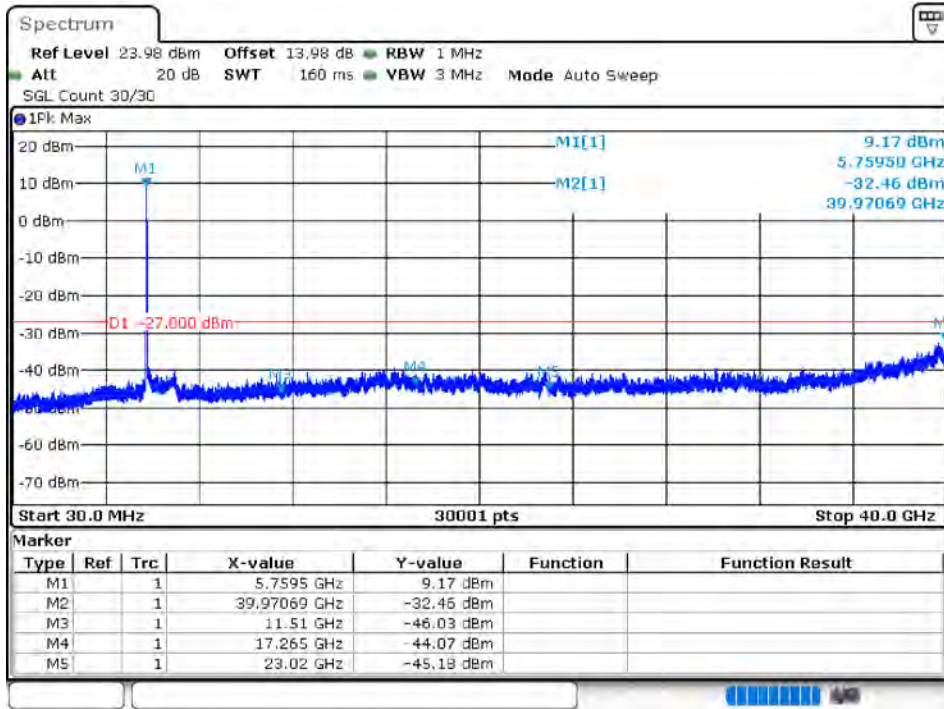


Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 2 Emission

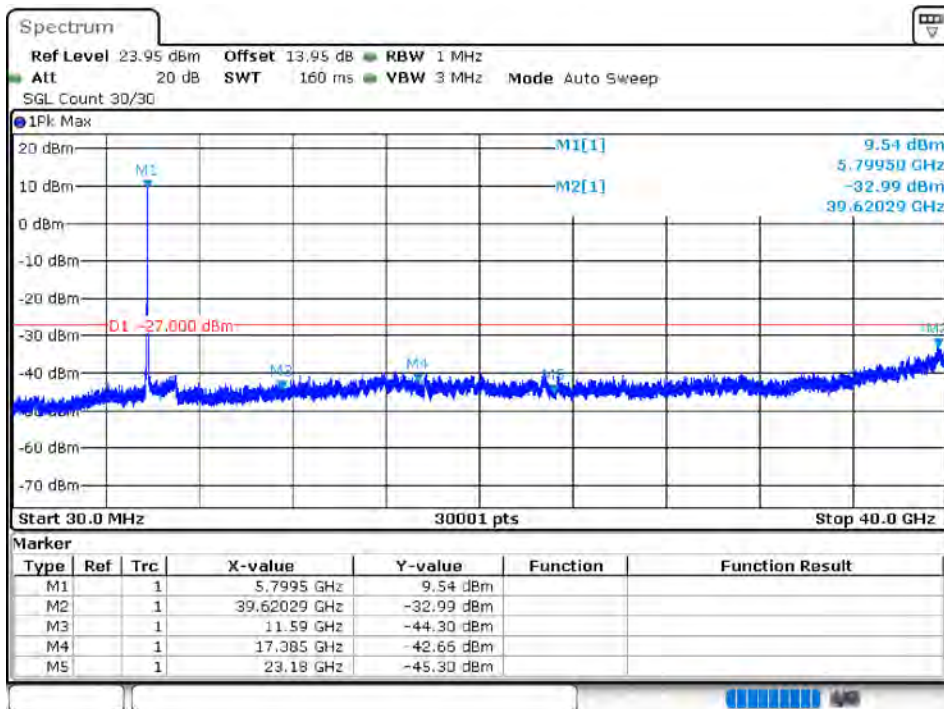




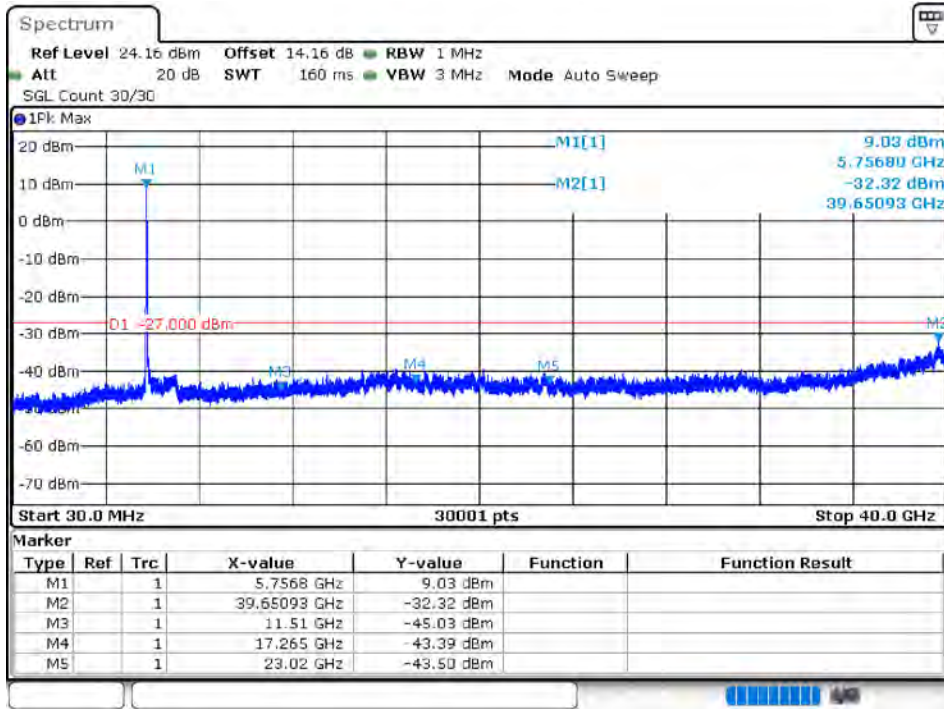
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 1 Emission



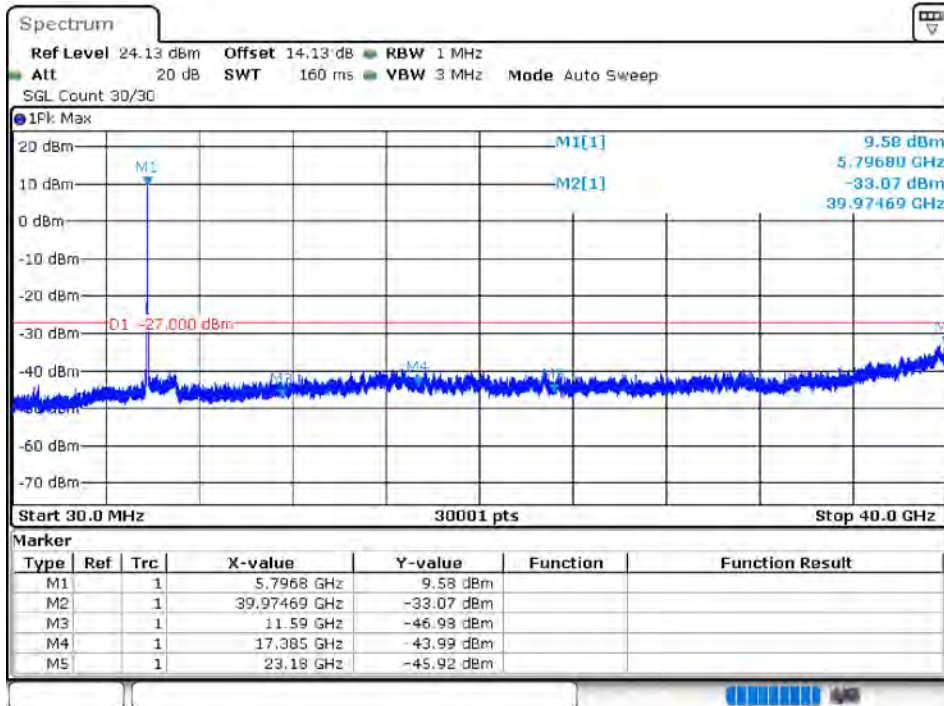
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 2 Emission

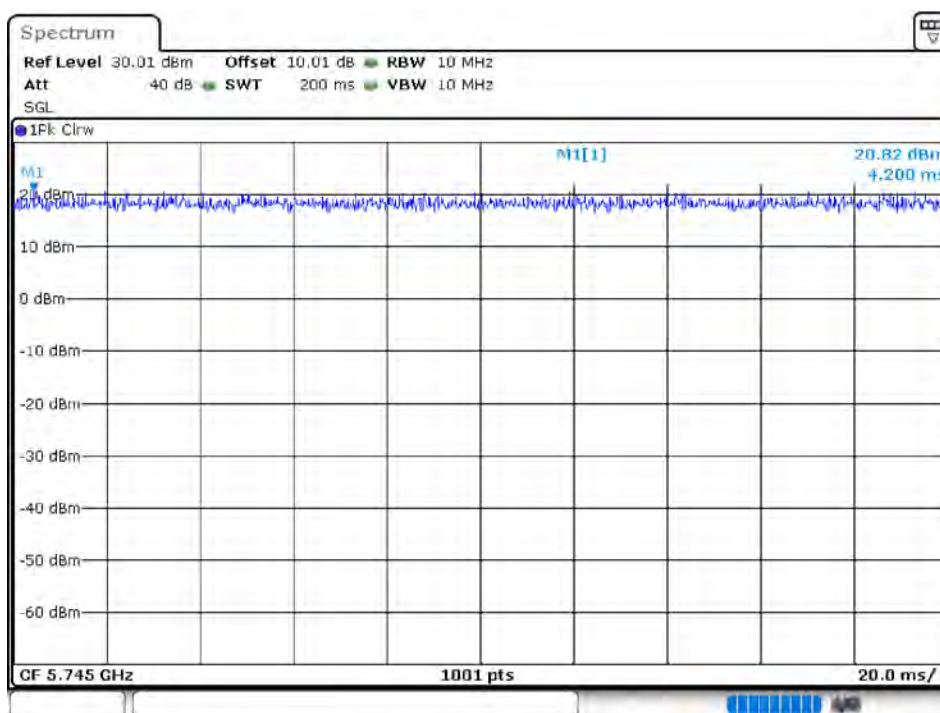


## 5.8G MIMO

### Duty Cycle

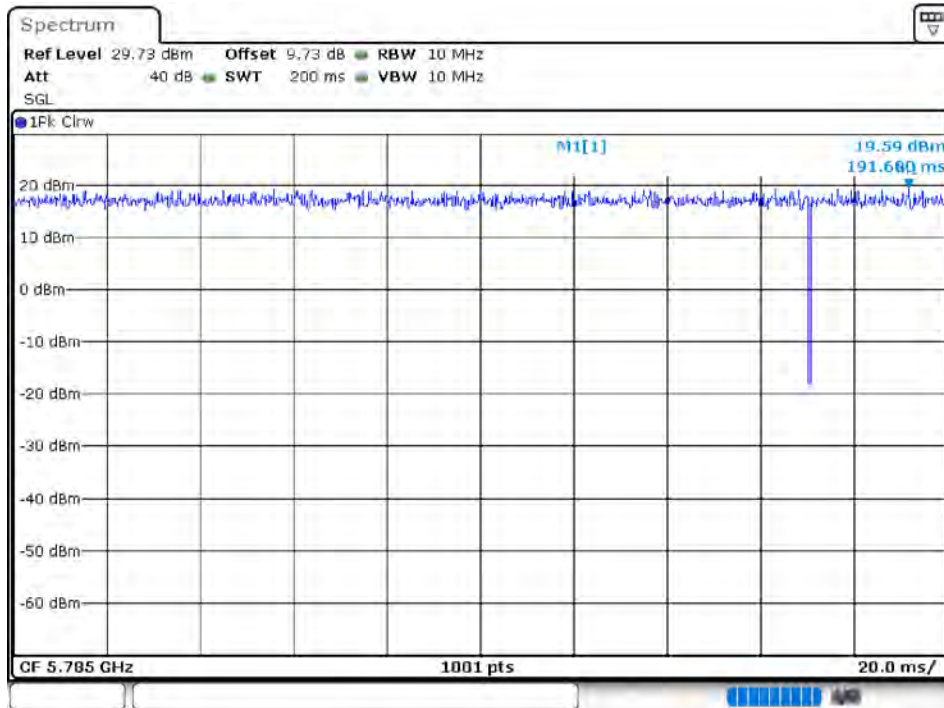
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11ac20	5745	100	0
NVNT	802.11ac20	5785	100	0
NVNT	802.11ac20	5825	100	0
NVNT	802.11ac40	5755	100	0
NVNT	802.11ac40	5795	100	0
NVNT	802.11ac80	5775	100	0
NVNT	802.11ax20	5745	100	0
NVNT	802.11ax20	5785	100	0
NVNT	802.11ax20	5825	100	0
NVNT	802.11ax40	5755	100	0
NVNT	802.11ax40	5795	100	0
NVNT	802.11ax80	5775	100	0
NVNT	802.11n(HT20)	5745	100	0
NVNT	802.11n(HT20)	5785	100	0
NVNT	802.11n(HT20)	5825	100	0
NVNT	802.11n(HT40)	5755	100	0
NVNT	802.11n(HT40)	5795	100	0

Duty Cycle NVNT 802.11ac20 5745MHz

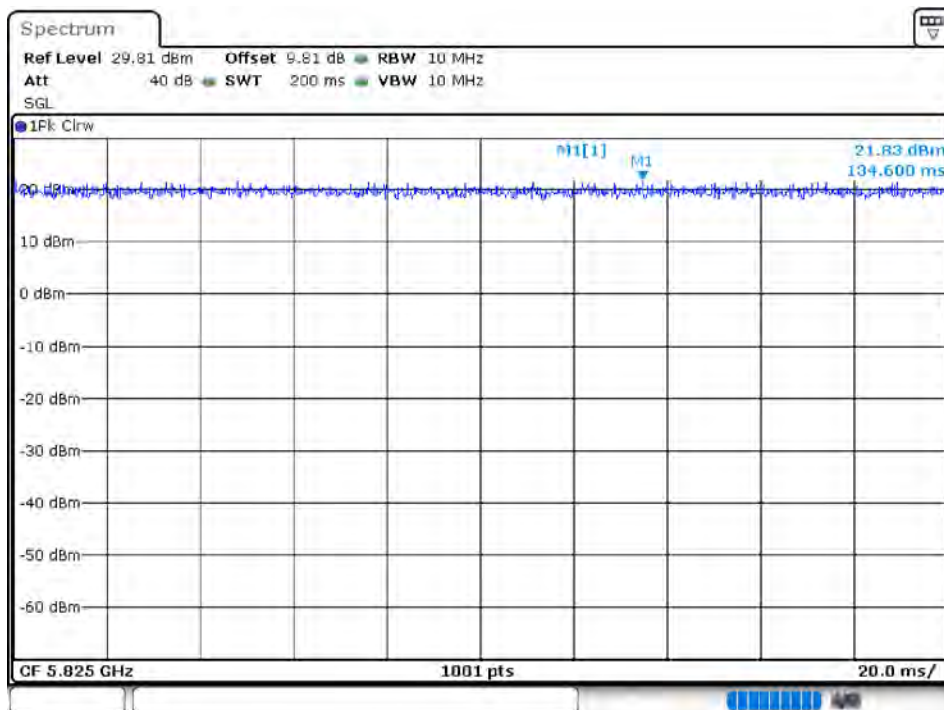


Duty Cycle NVNT 802.11ac20 5785MHz

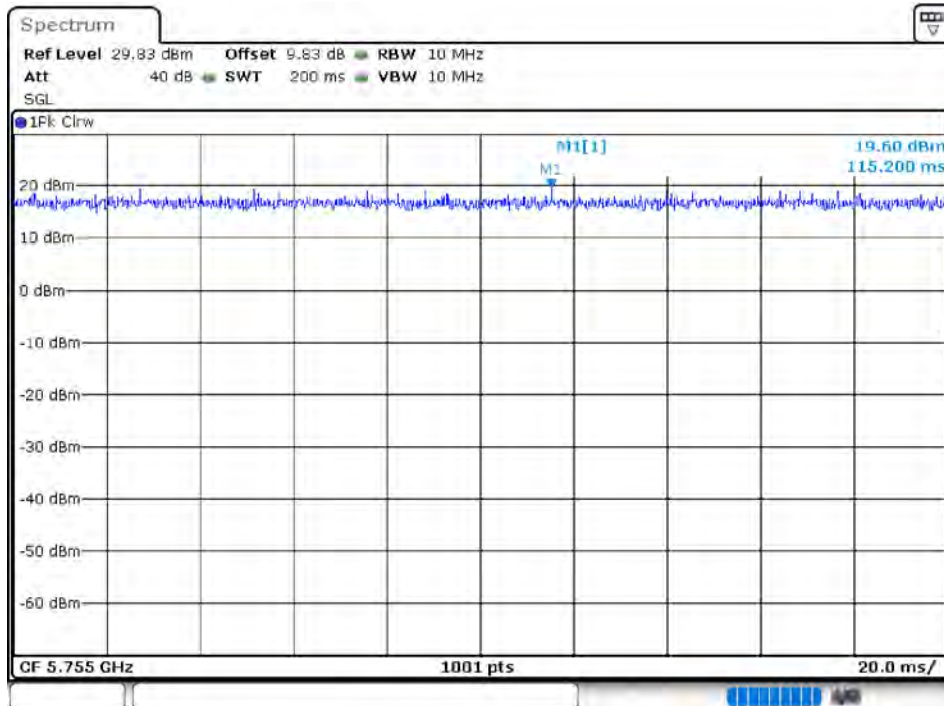




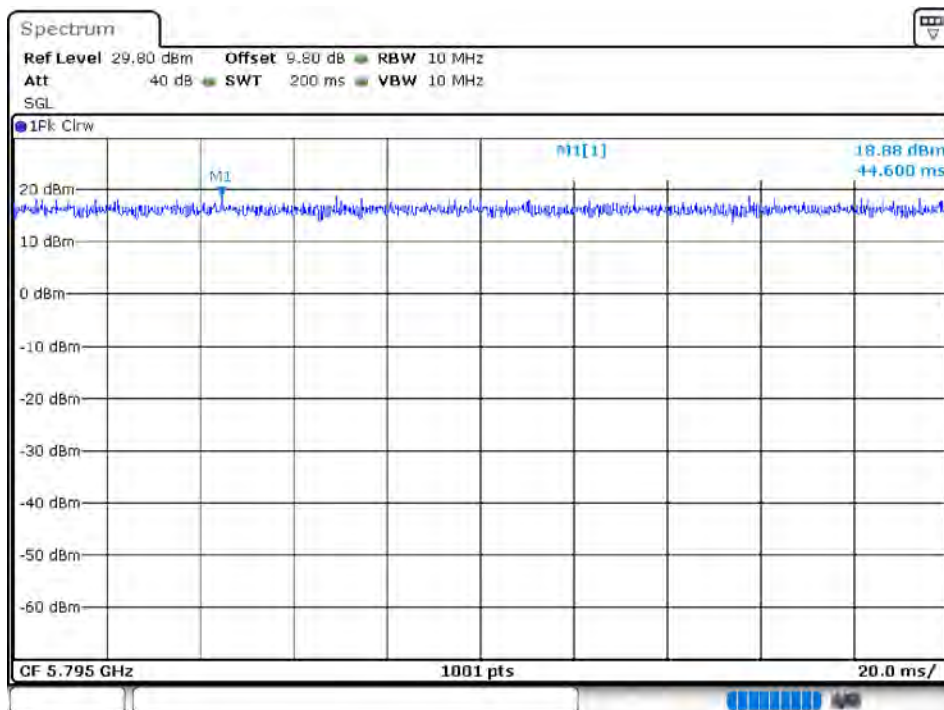
Duty Cycle NVNT 802.11ac20 5825MHz



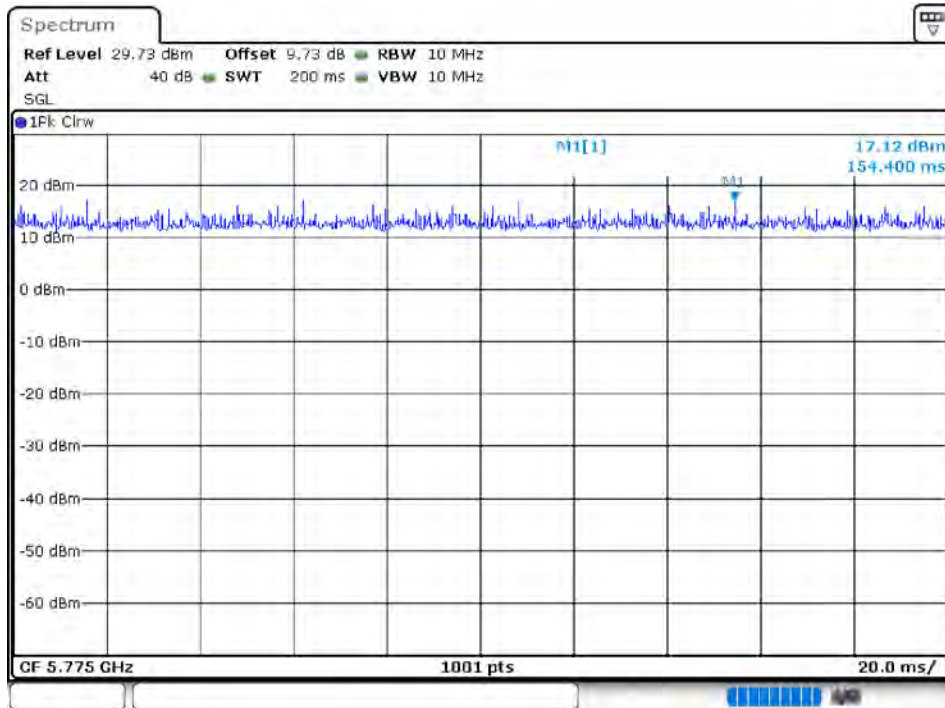
Duty Cycle NVNT 802.11ac40 5755MHz



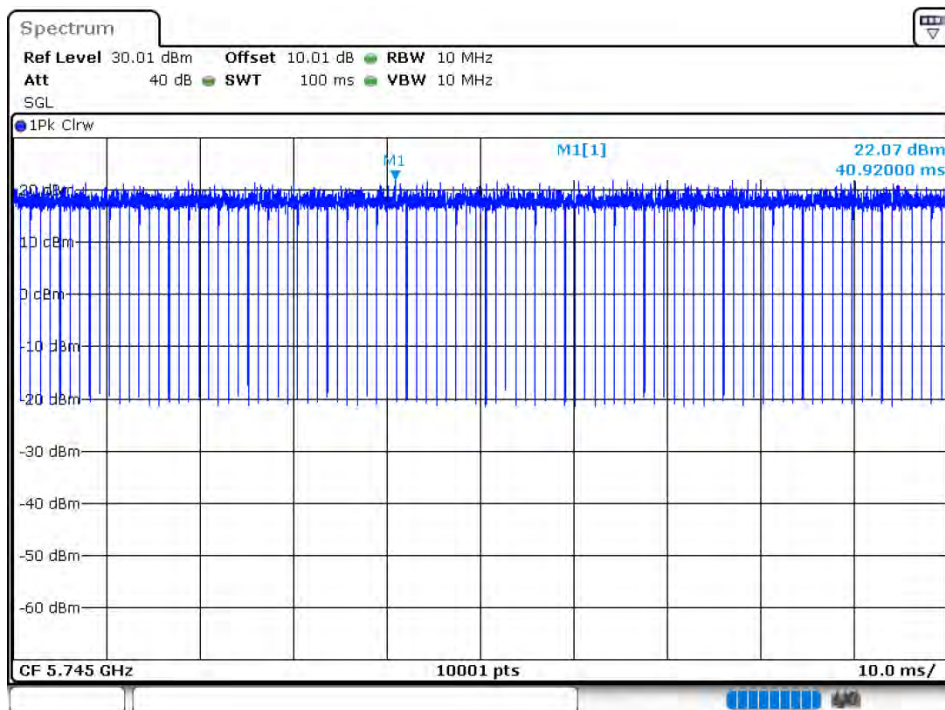
Duty Cycle NVNT 802.11ac40 5795MHz



Duty Cycle NVNT 802.11ac80 5775MHz

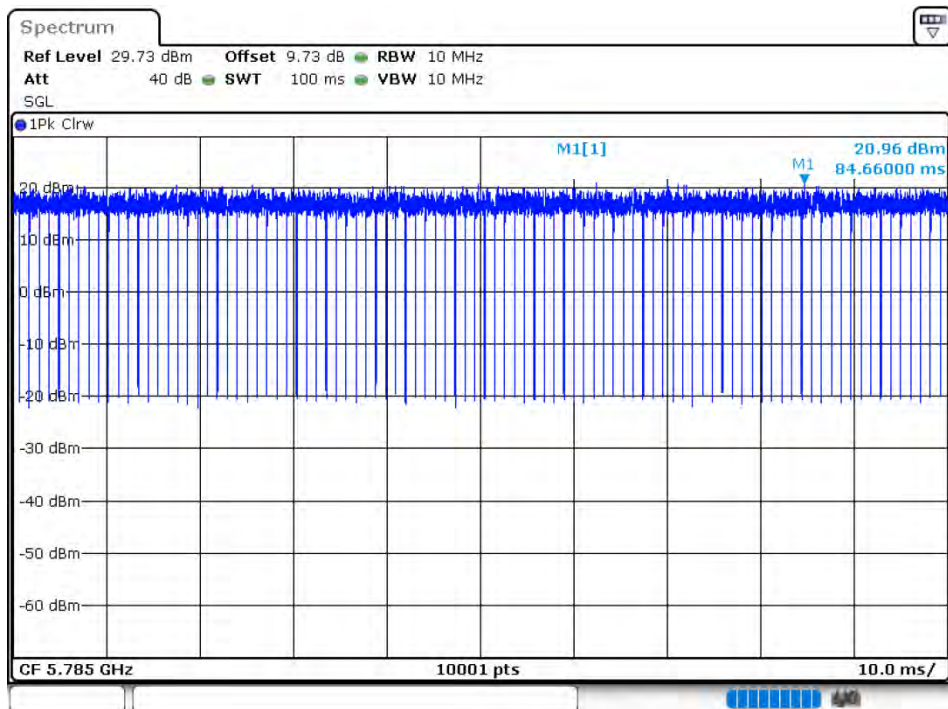


Duty Cycle NVNT 802.11ax20 5745MHz

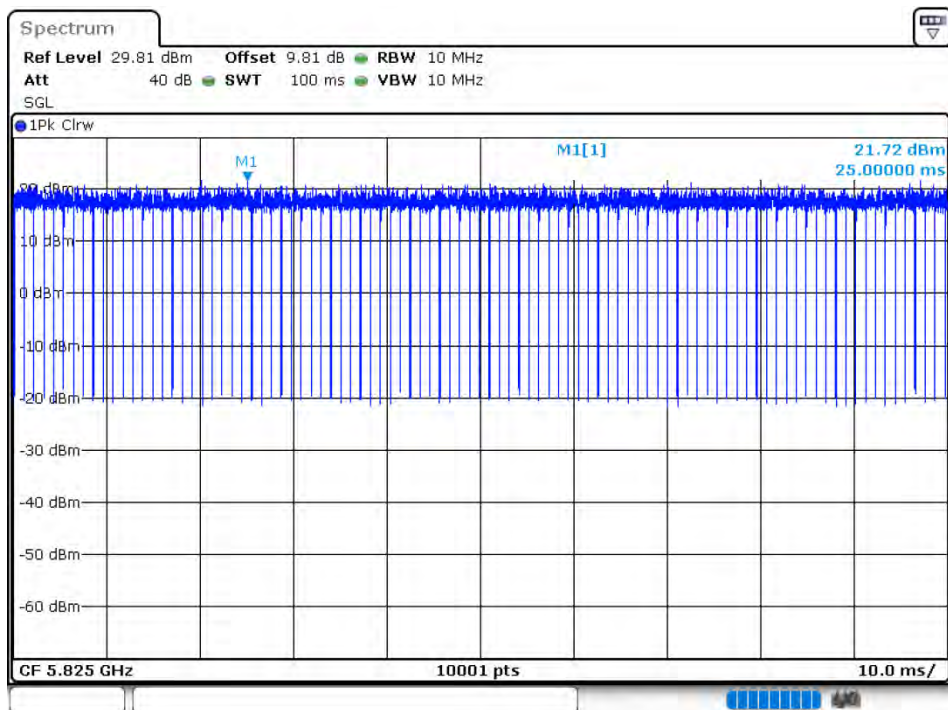


Duty Cycle NVNT 802.11ax20 5785MHz

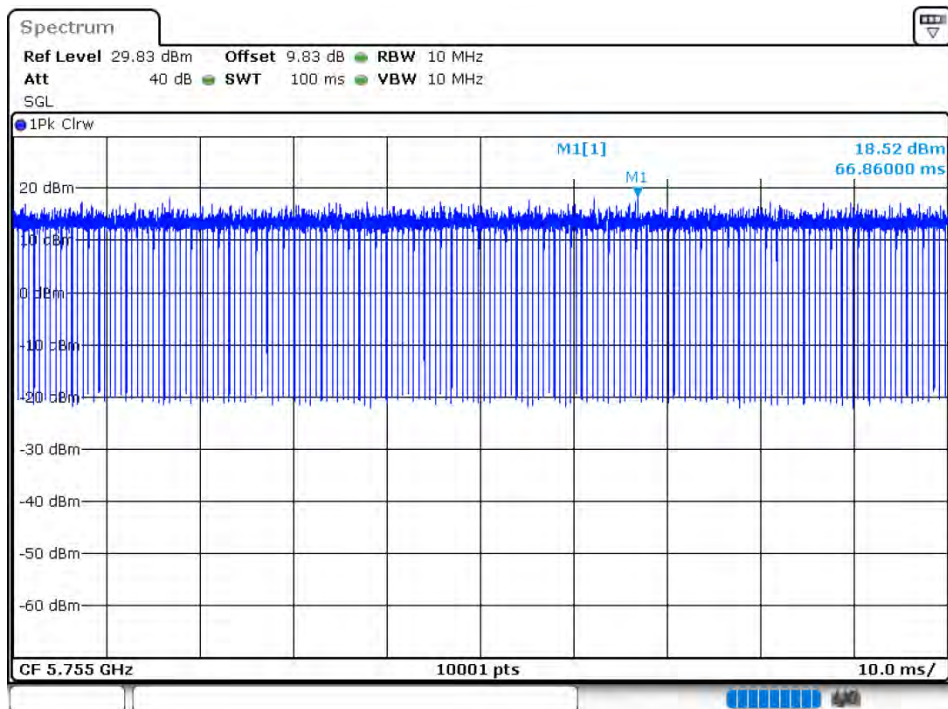




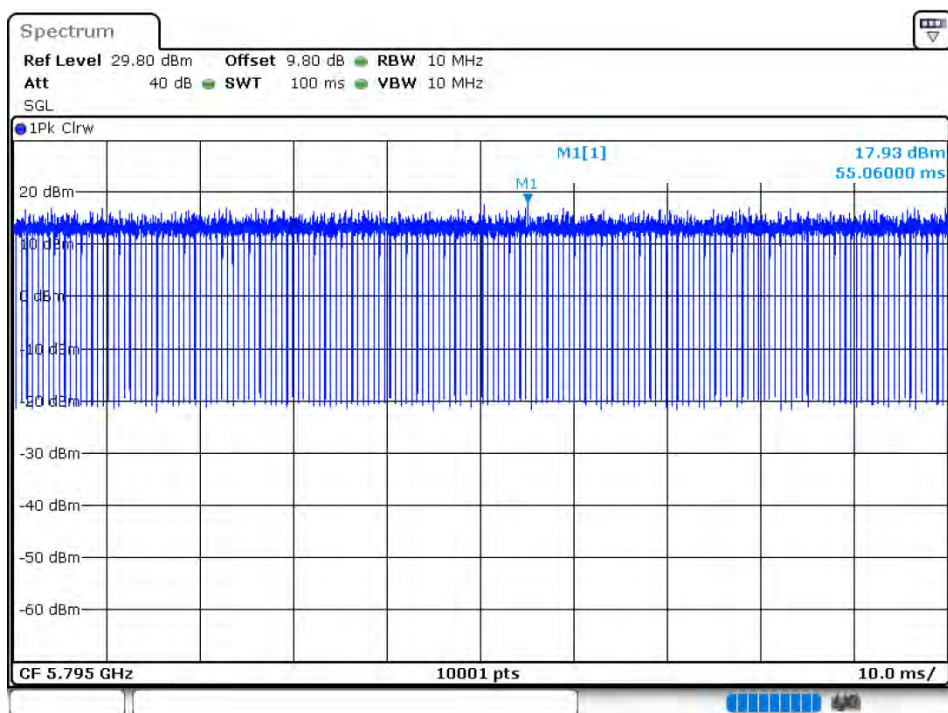
Duty Cycle NVNT 802.11ax20 5825MHz



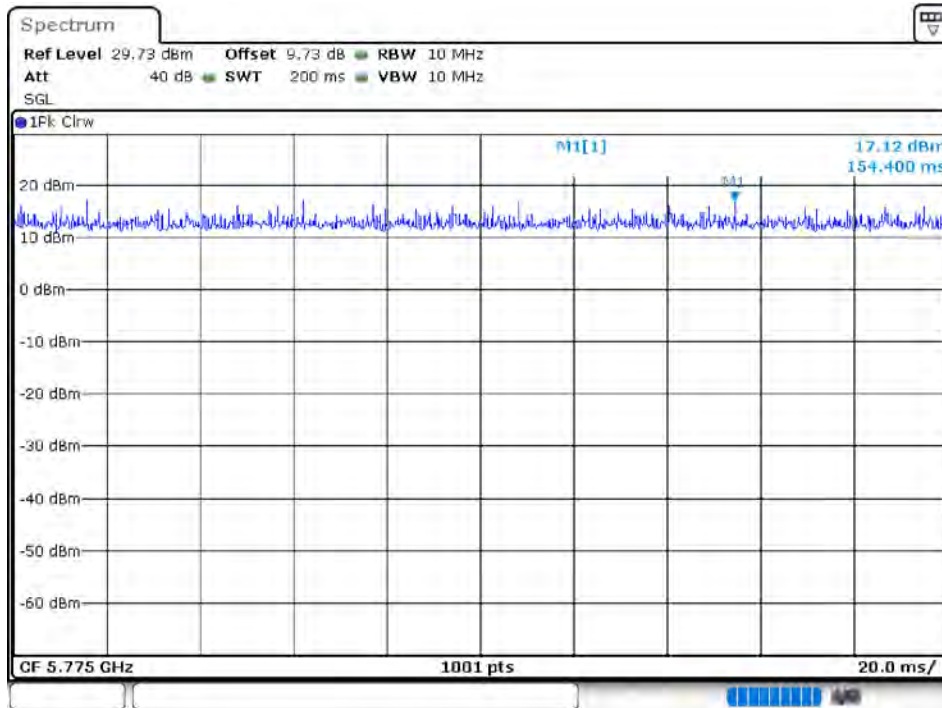
Duty Cycle NVNT 802.11ax40 5755MHz



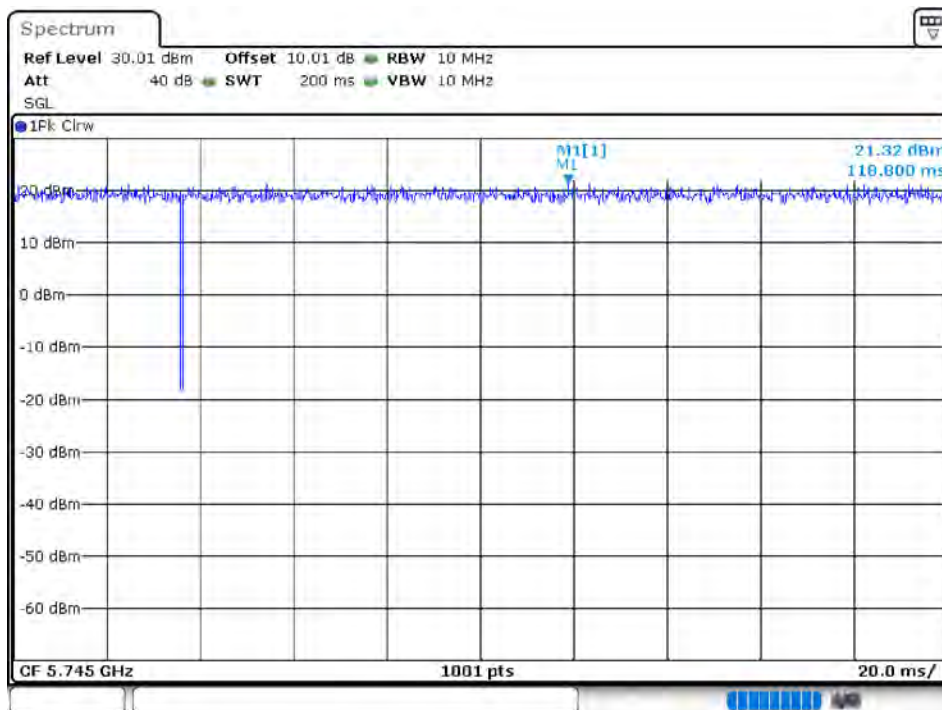
Duty Cycle NVNT 802.11ax40 5795MHz



Duty Cycle NVNT 802.11ax80 5775MHz

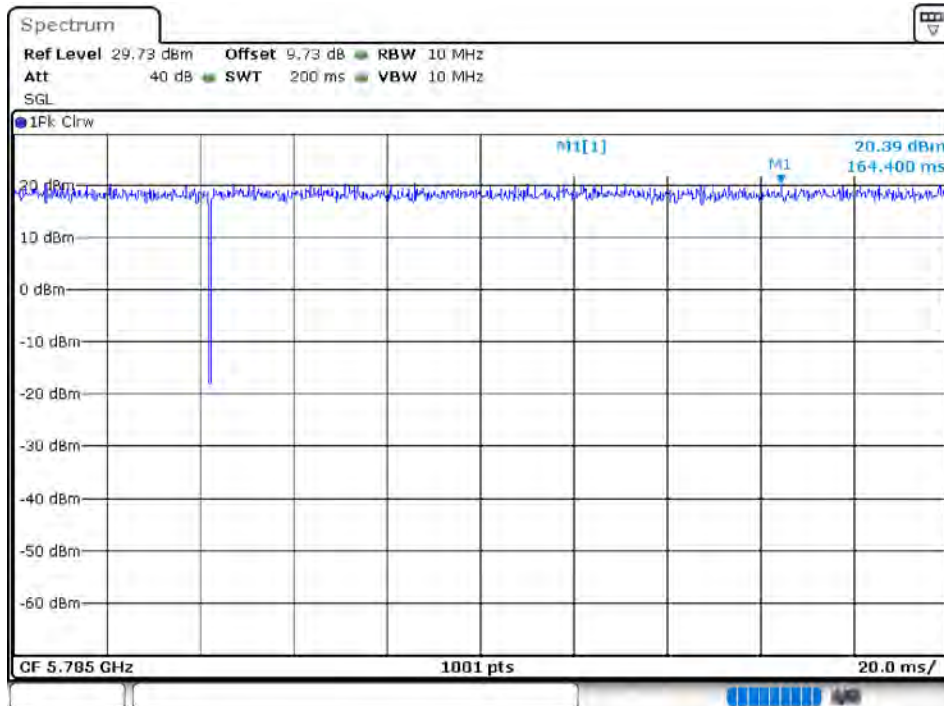


Duty Cycle NVNT 802.11n(HT20) 5745MHz

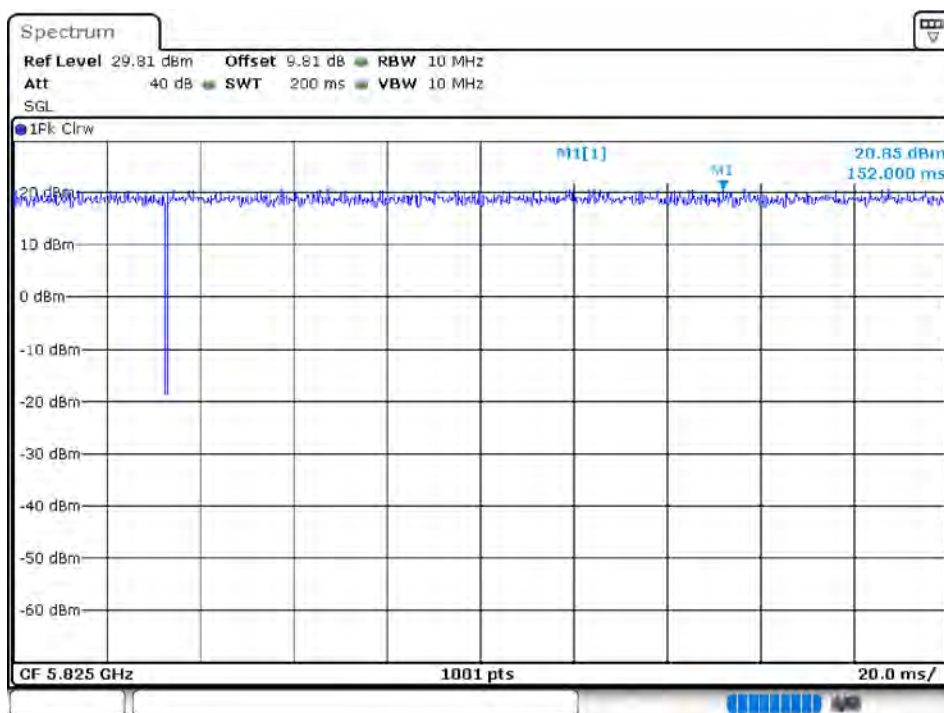


Duty Cycle NVNT 802.11n(HT20) 5785MHz

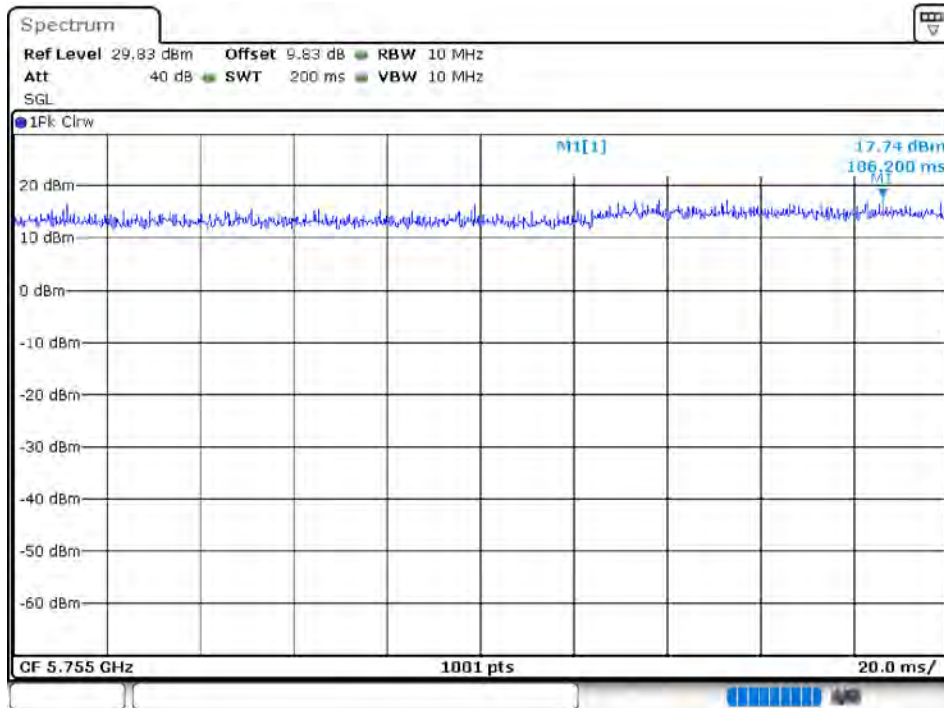




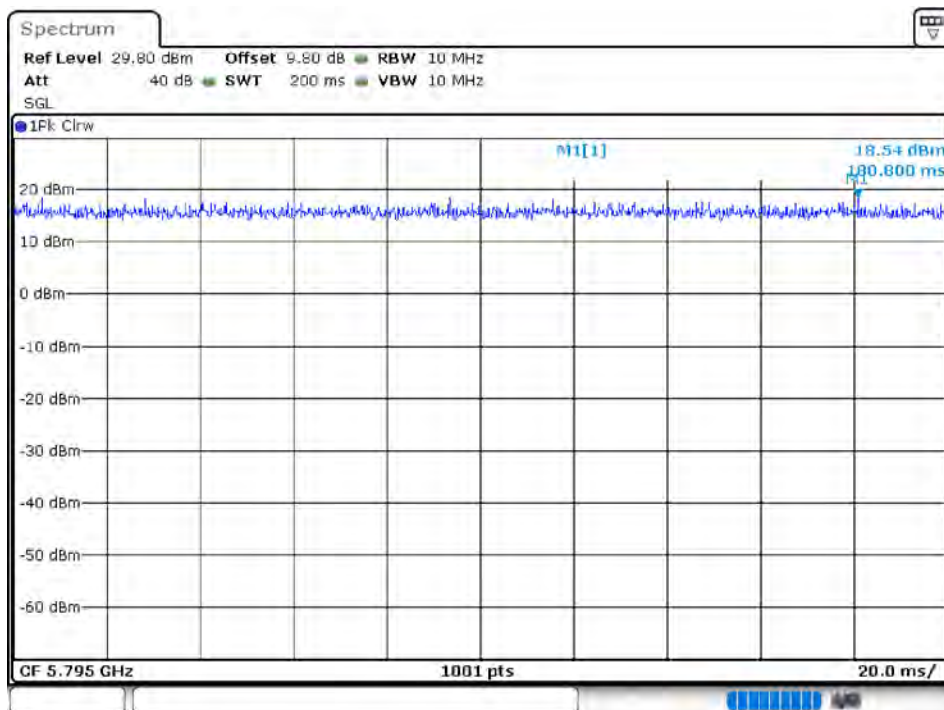
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



Duty Cycle NVNT 802.11n(HT40) 5795MHz



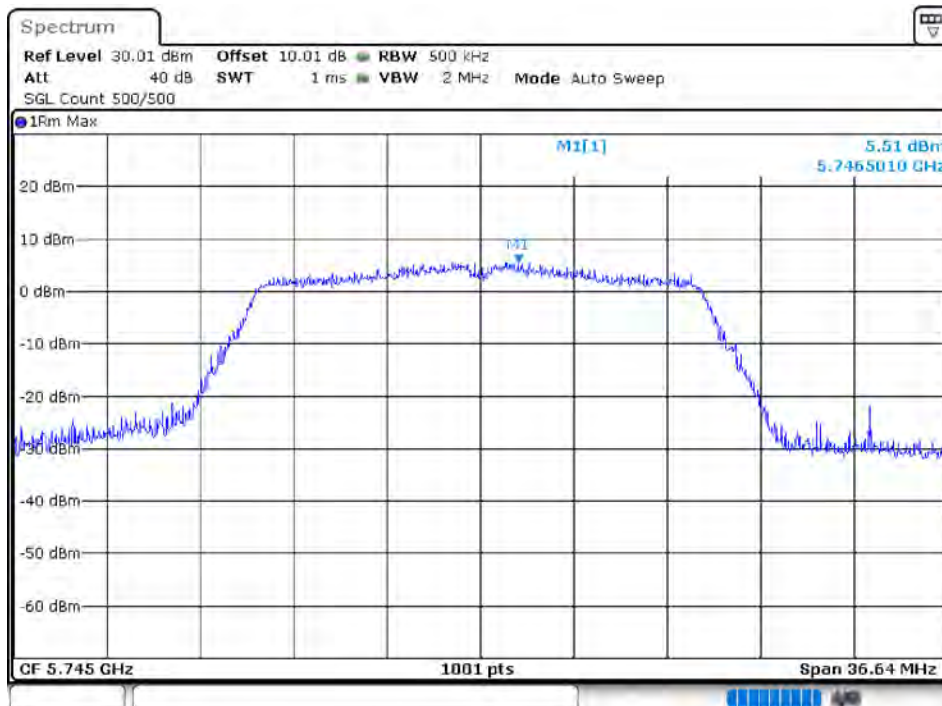
**Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11ac20	5745	Ant 1	5.506	N/A	Pass
NVNT	802.11ac20	5745	Ant 2	2.315	N/A	Pass
NVNT	802.11ac20	5745	Sum	7.208	28.75	Pass
NVNT	802.11ac20	5785	Ant 1	4.669	N/A	Pass
NVNT	802.11ac20	5785	Ant 2	2.577	N/A	Pass
NVNT	802.11ac20	5785	Sum	6.758	28.75	Pass
NVNT	802.11ac20	5825	Ant 1	2.963	N/A	Pass
NVNT	802.11ac20	5825	Ant 2	2.479	N/A	Pass
NVNT	802.11ac20	5825	Sum	5.738	28.75	Pass
NVNT	802.11ac40	5755	Ant 1	1.985	N/A	Pass
NVNT	802.11ac40	5755	Ant 2	-0.523	N/A	Pass
NVNT	802.11ac40	5755	Sum	3.92	28.75	Pass
NVNT	802.11ac40	5795	Ant 1	1.375	N/A	Pass
NVNT	802.11ac40	5795	Ant 2	0.189	N/A	Pass
NVNT	802.11ac40	5795	Sum	3.833	28.75	Pass
NVNT	802.11ac80	5775	Ant 1	-4.081	N/A	Pass
NVNT	802.11ac80	5775	Ant 2	-2.621	N/A	Pass
NVNT	802.11ac80	5775	Sum	-0.28	28.75	Pass
NVNT	802.11ax20	5745	Ant 1	7.767	N/A	Pass
NVNT	802.11ax20	5745	Ant 2	5.408	N/A	Pass
NVNT	802.11ax20	5745	Sum	9.756	28.75	Pass
NVNT	802.11ax20	5785	Ant 1	6.664	N/A	Pass
NVNT	802.11ax20	5785	Ant 2	6.375	N/A	Pass
NVNT	802.11ax20	5785	Sum	9.532	28.75	Pass
NVNT	802.11ax20	5825	Ant 1	8.228	N/A	Pass
NVNT	802.11ax20	5825	Ant 2	6.766	N/A	Pass
NVNT	802.11ax20	5825	Sum	10.569	28.75	Pass
NVNT	802.11ax40	5755	Ant 1	4.301	N/A	Pass
NVNT	802.11ax40	5755	Ant 2	1.382	N/A	Pass
NVNT	802.11ax40	5755	Sum	6.093	28.75	Pass
NVNT	802.11ax40	5795	Ant 1	3.932	N/A	Pass
NVNT	802.11ax40	5795	Ant 2	3.528	N/A	Pass
NVNT	802.11ax40	5795	Sum	6.745	28.75	Pass
NVNT	802.11ax80	5775	Ant 1	-4.081	N/A	Pass
NVNT	802.11ax80	5775	Ant 2	-2.621	N/A	Pass
NVNT	802.11ax80	5775	Sum	-0.28	28.75	Pass
NVNT	802.11n(HT20)	5745	Ant 1	2.207	N/A	Pass
NVNT	802.11n(HT20)	5745	Ant 2	3.688	N/A	Pass
NVNT	802.11n(HT20)	5745	Sum	6.021	28.75	Pass
NVNT	802.11n(HT20)	5785	Ant 1	4.412	N/A	Pass
NVNT	802.11n(HT20)	5785	Ant 2	2.375	N/A	Pass
NVNT	802.11n(HT20)	5785	Sum	6.522	28.75	Pass

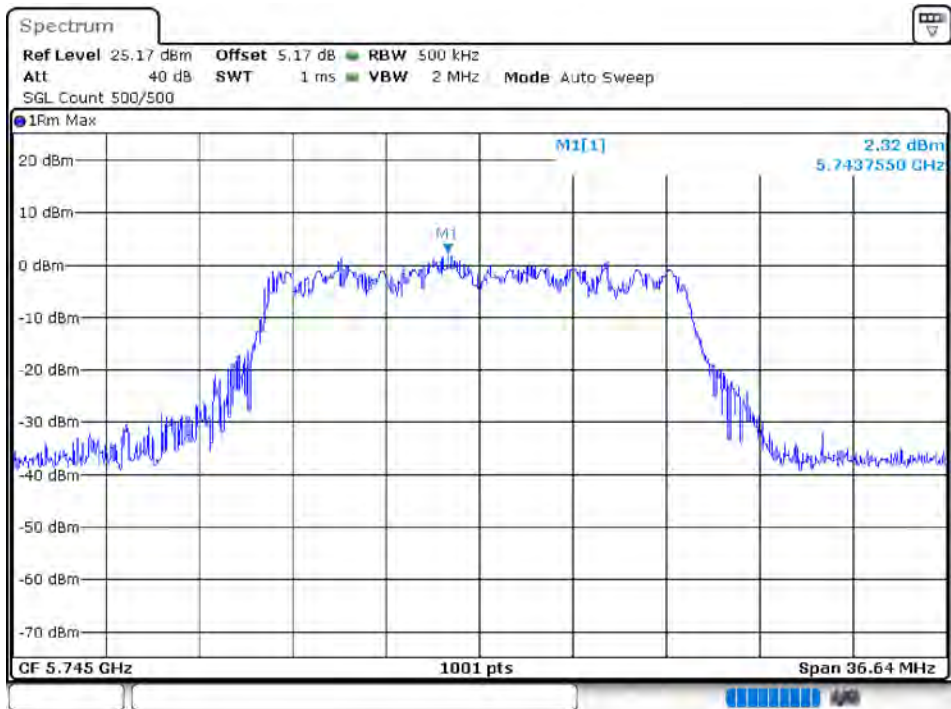


NVNT	802.11n(HT20)	5825	Ant 1	0.898	N/A	Pass
NVNT	802.11n(HT20)	5825	Ant 2	2.545	N/A	Pass
NVNT	802.11n(HT20)	5825	Sum	4.809	28.75	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-0.173	N/A	Pass
NVNT	802.11n(HT40)	5755	Ant 2	0.443	N/A	Pass
NVNT	802.11n(HT40)	5755	Sum	3.156	28.75	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-0.035	30	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-0.362	30	Pass
NVNT	802.11n(HT40)	5795	Sum	2.815	30	Pass

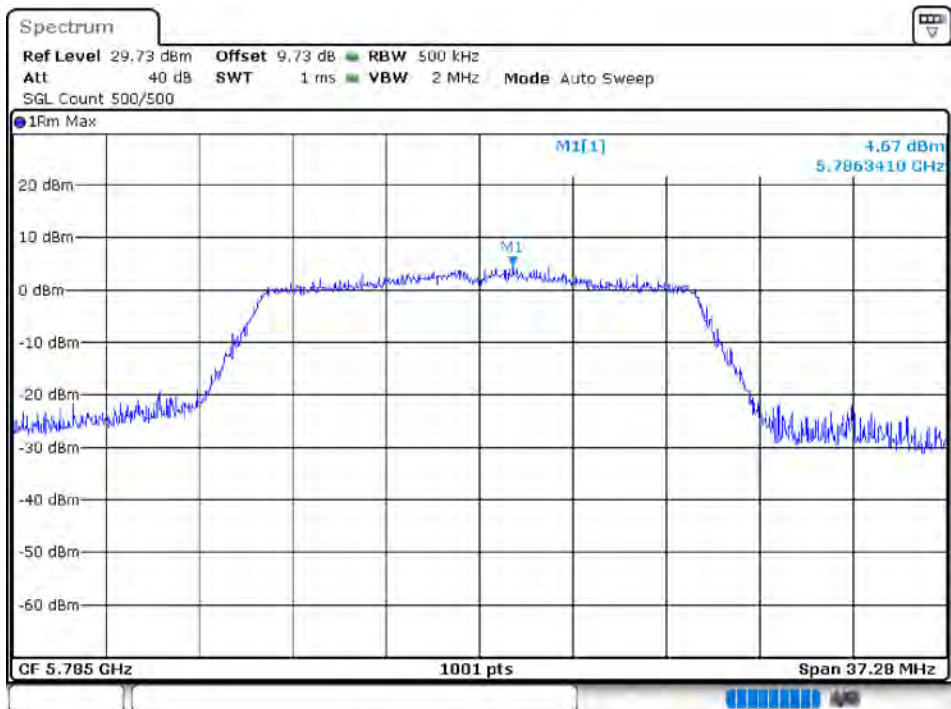
PSD NVNT 802.11ac20 5745MHz Ant1



PSD NVNT 802.11ac20 5745MHz Ant2



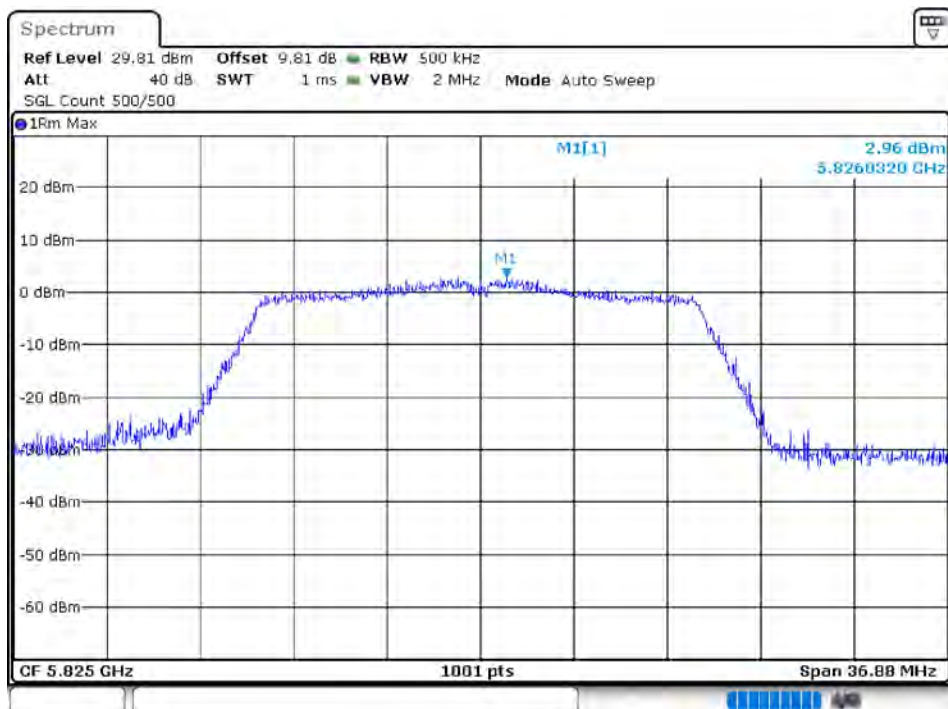
PSD NVNT 802.11ac20 5785MHz Ant1



PSD NVNT 802.11ac20 5785MHz Ant2

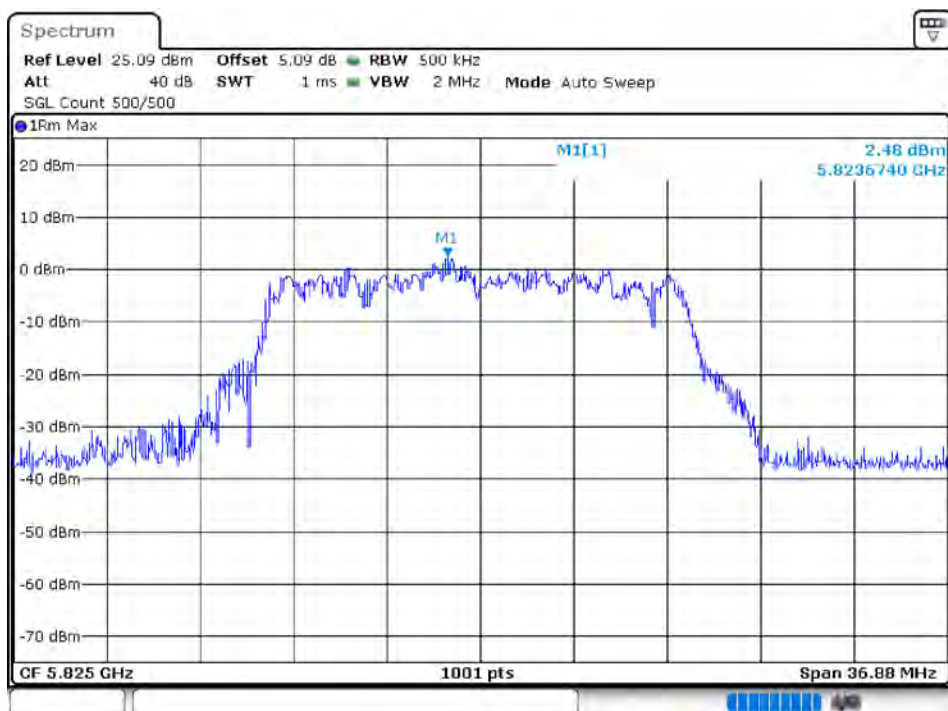


PSD NVNT 802.11ac20 5825MHz Ant1

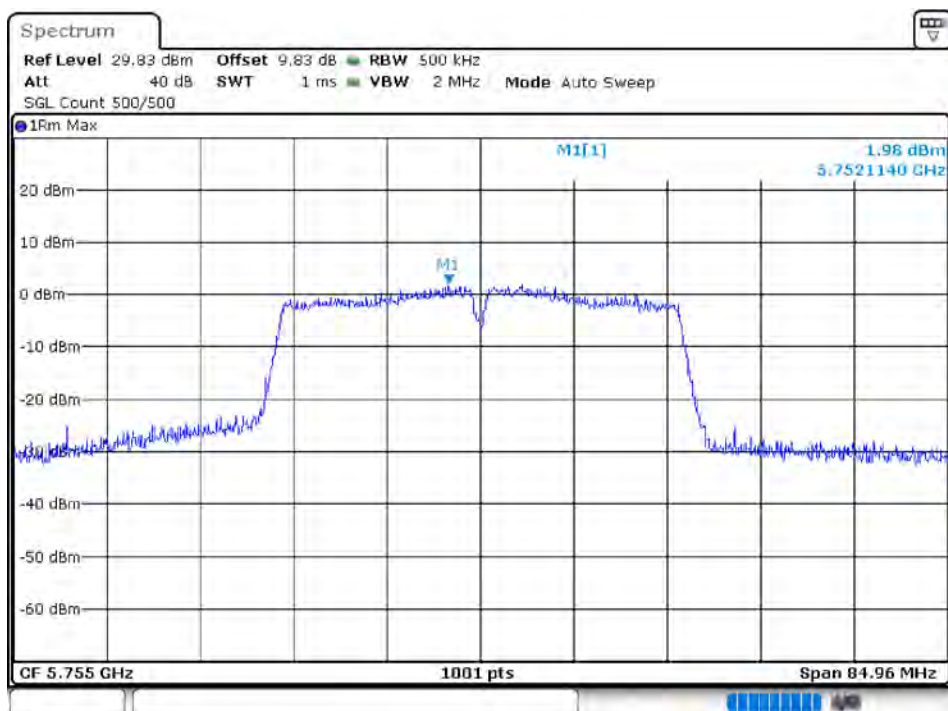




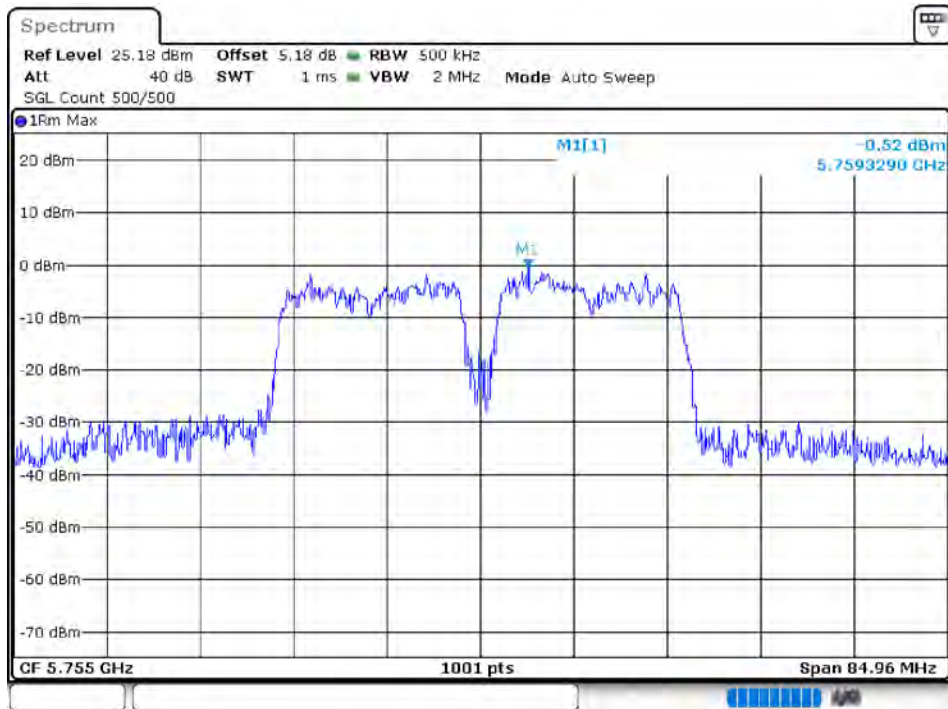
PSD NVNT 802.11ac20 5825MHz Ant2



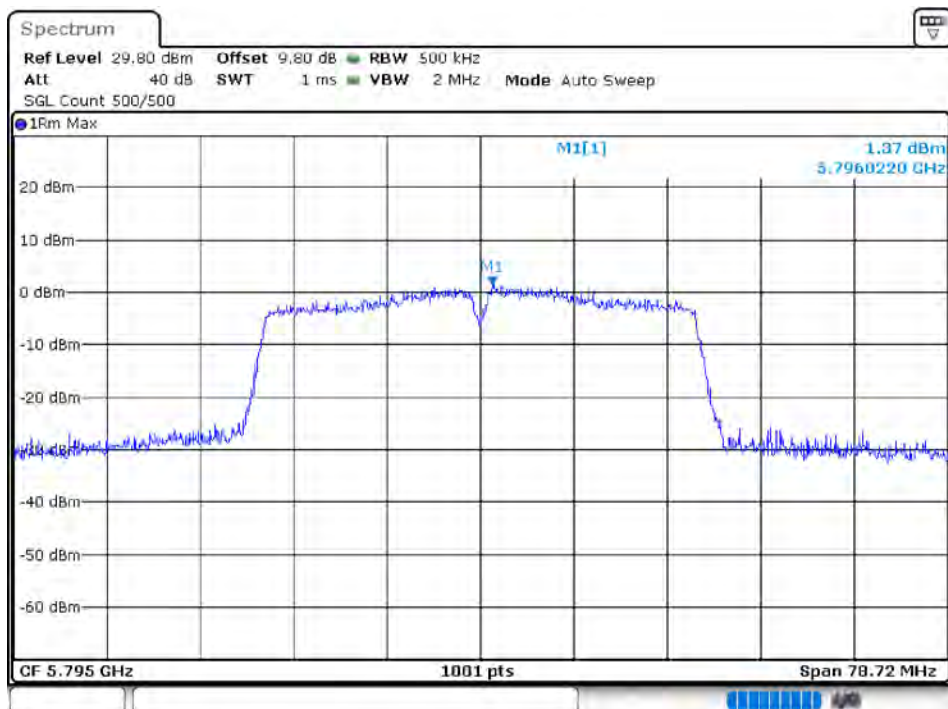
PSD NVNT 802.11ac40 5755MHz Ant1



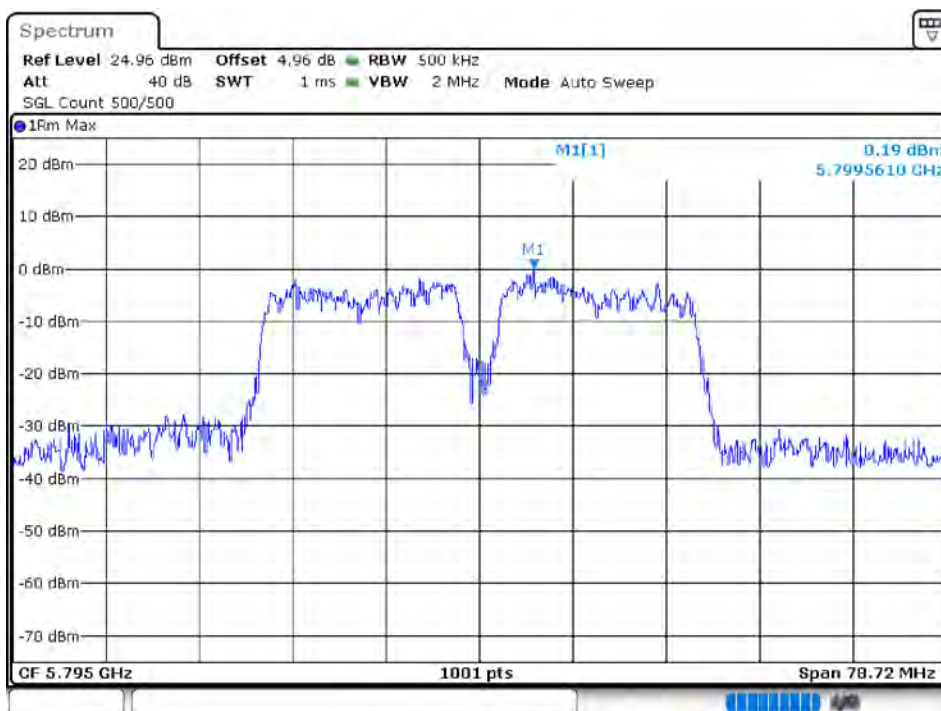
### PSD NVNT 802.11ac40 5755MHz Ant2



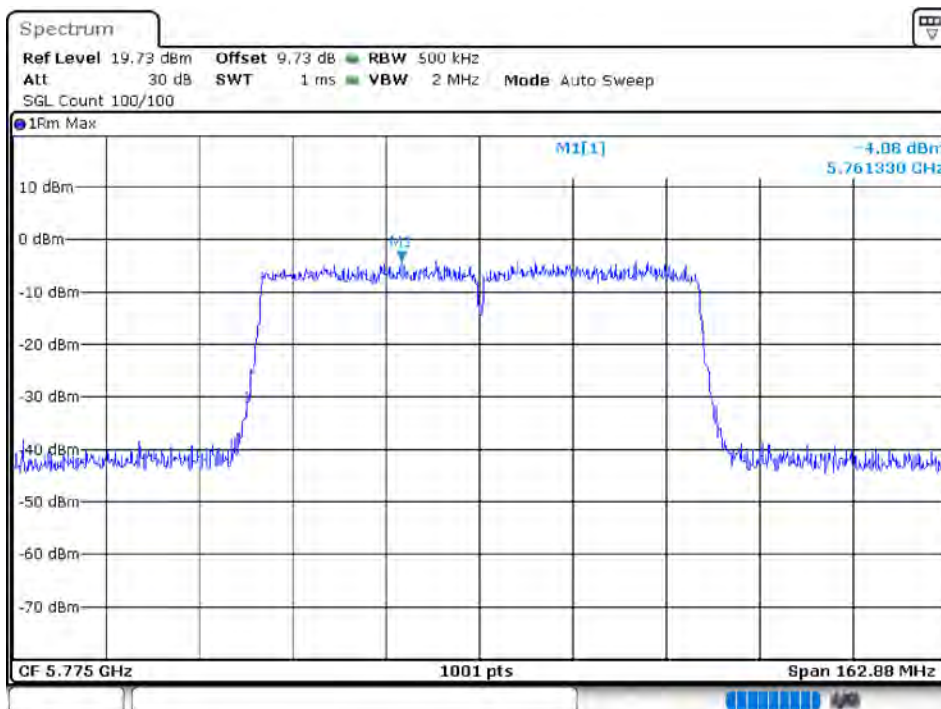
### PSD NVNT 802.11ac40 5795MHz Ant1



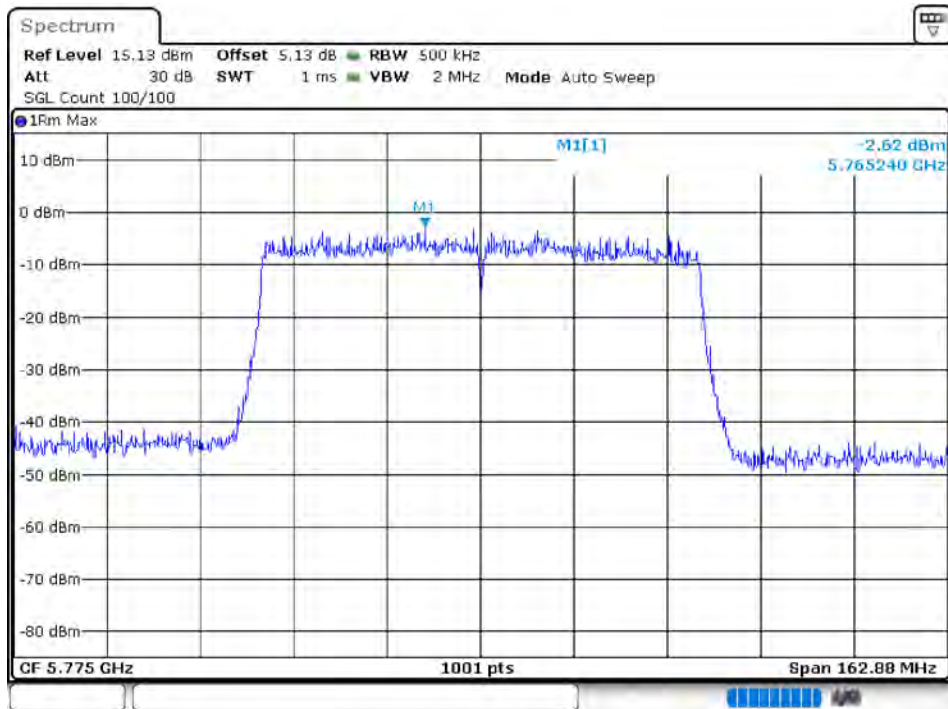
PSD NVNT 802.11ac40 5795MHz Ant2



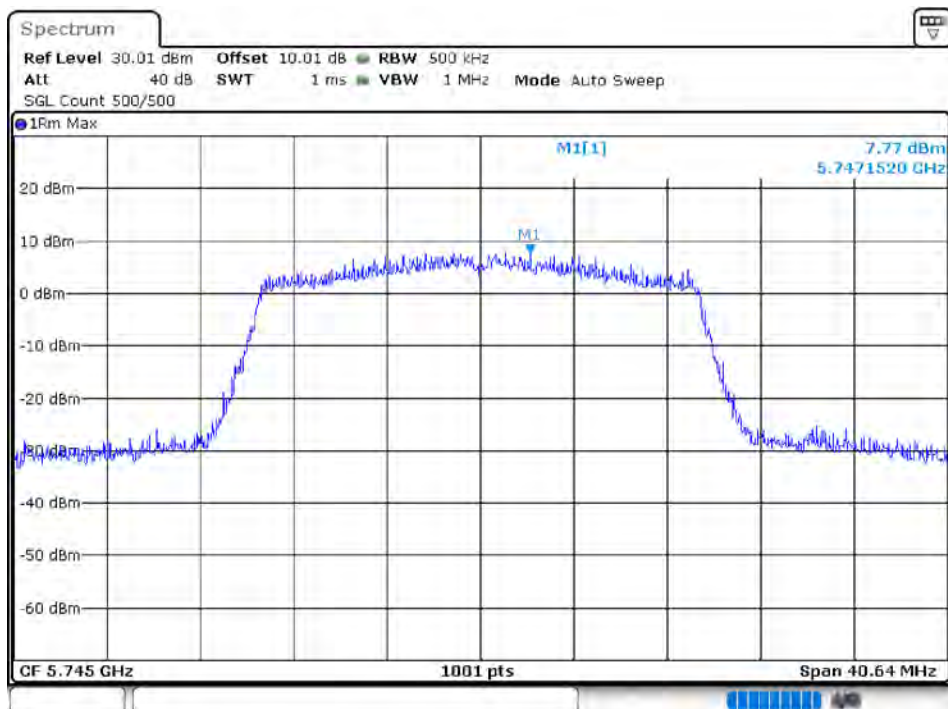
PSD NVNT 802.11ac80 5775MHz Ant1



PSD NVNT 802.11ac80 5775MHz Ant2

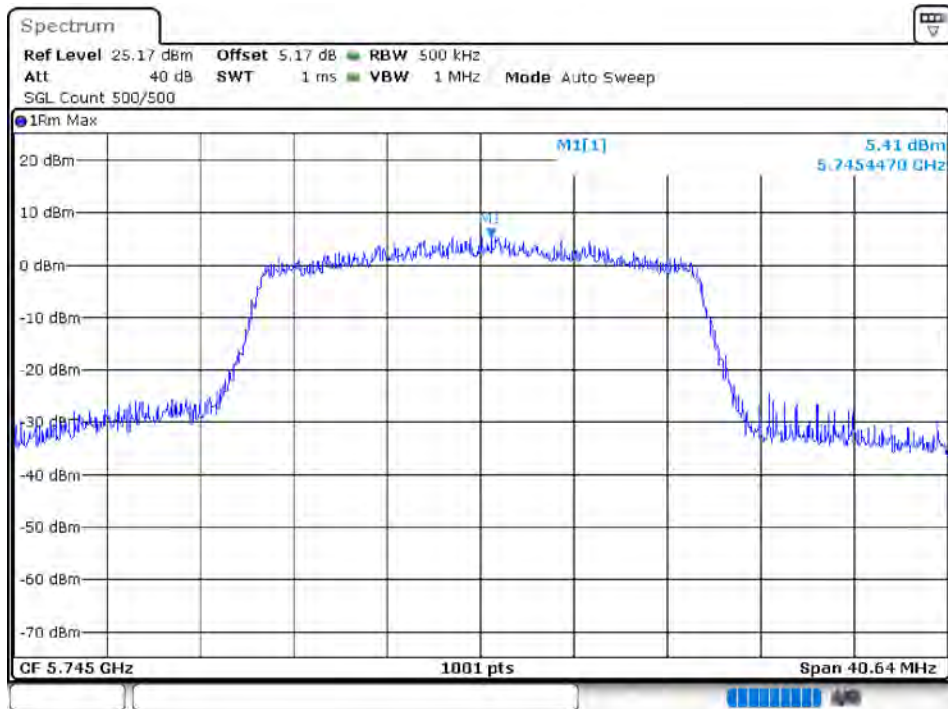


PSD NVNT 802.11ax20 5745MHz Ant1

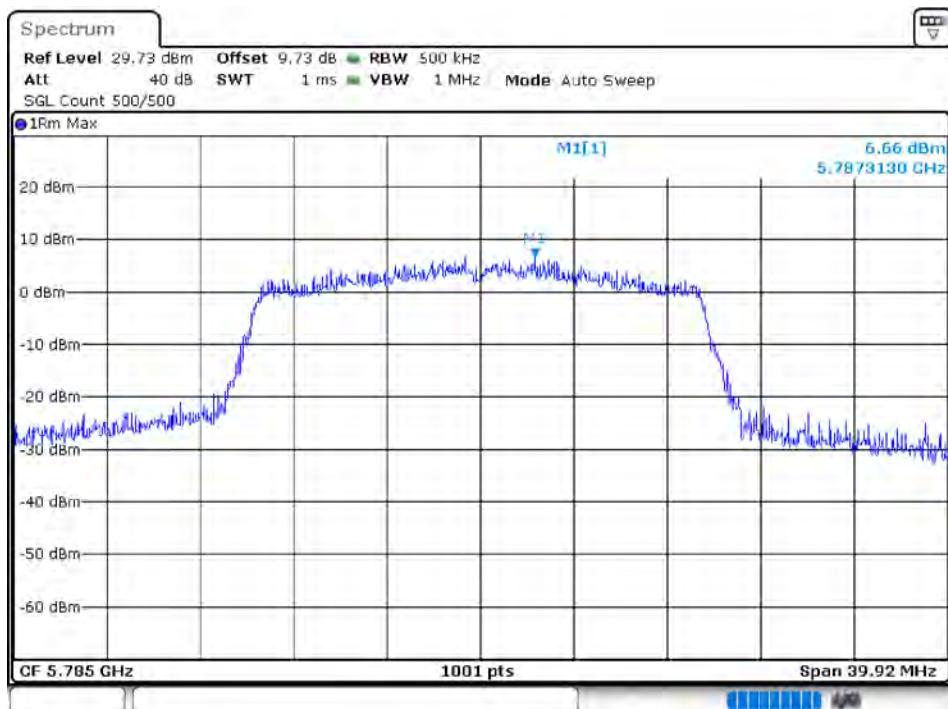




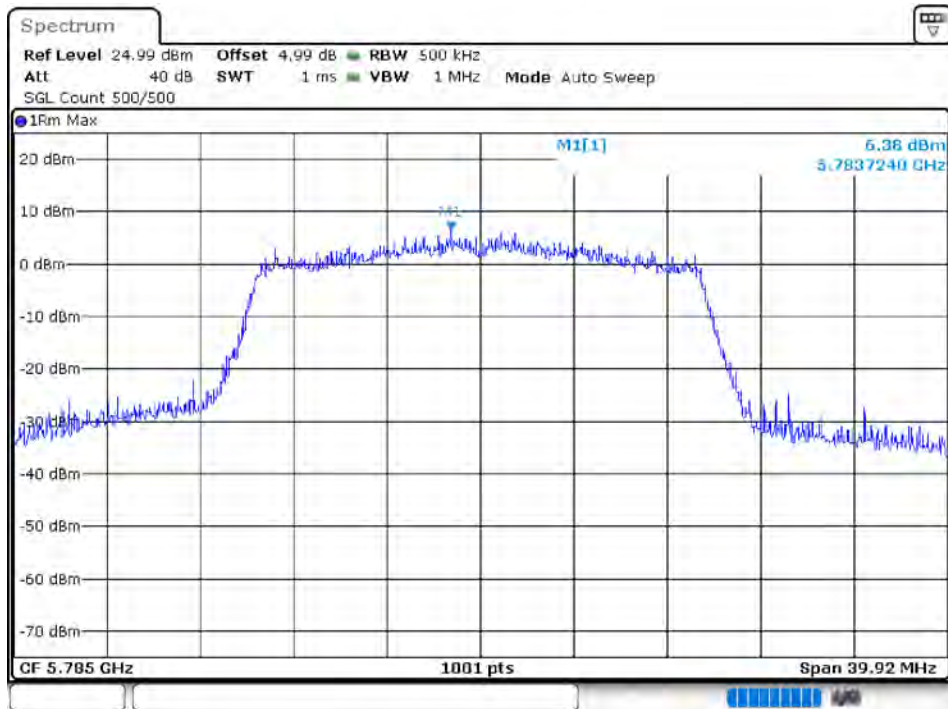
### PSD NVNT 802.11ax20 5745MHz Ant2



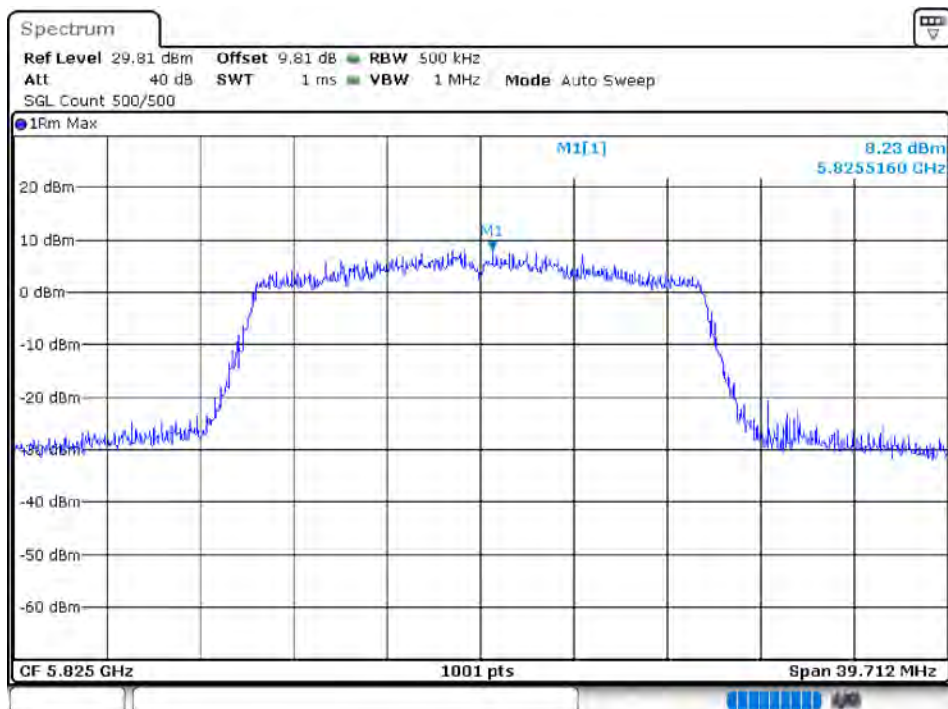
### PSD NVNT 802.11ax20 5785MHz Ant1



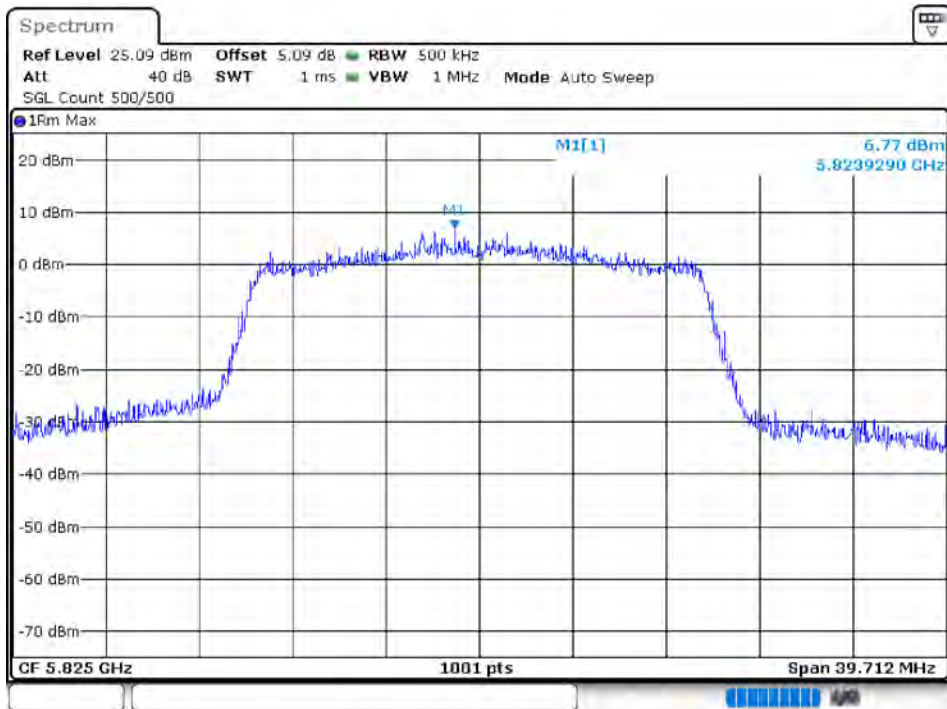
PSD NVNT 802.11ax20 5785MHz Ant2



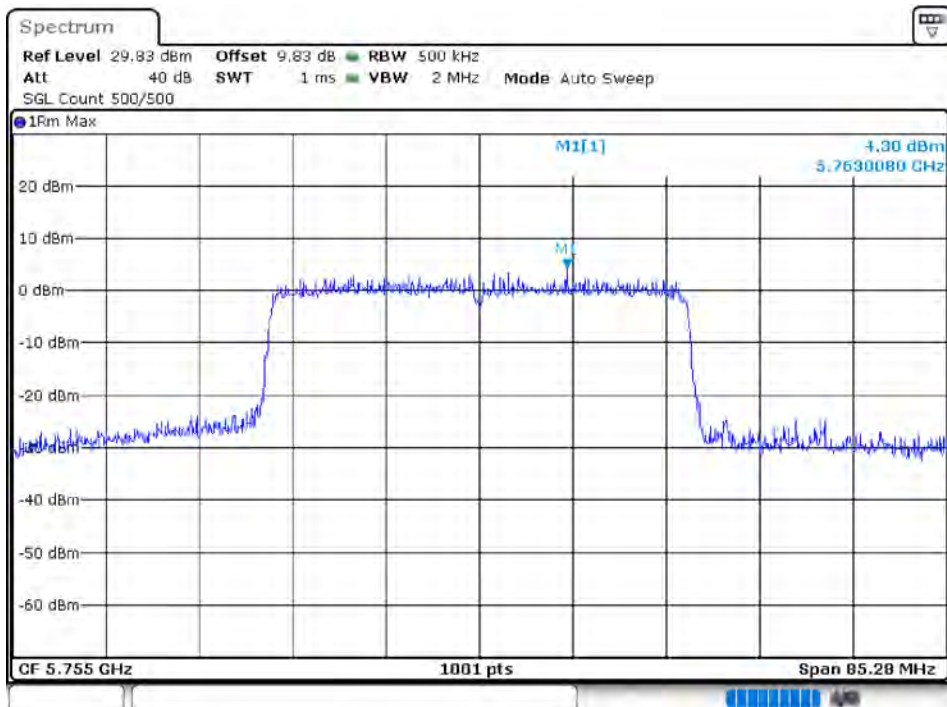
PSD NVNT 802.11ax20 5825MHz Ant1



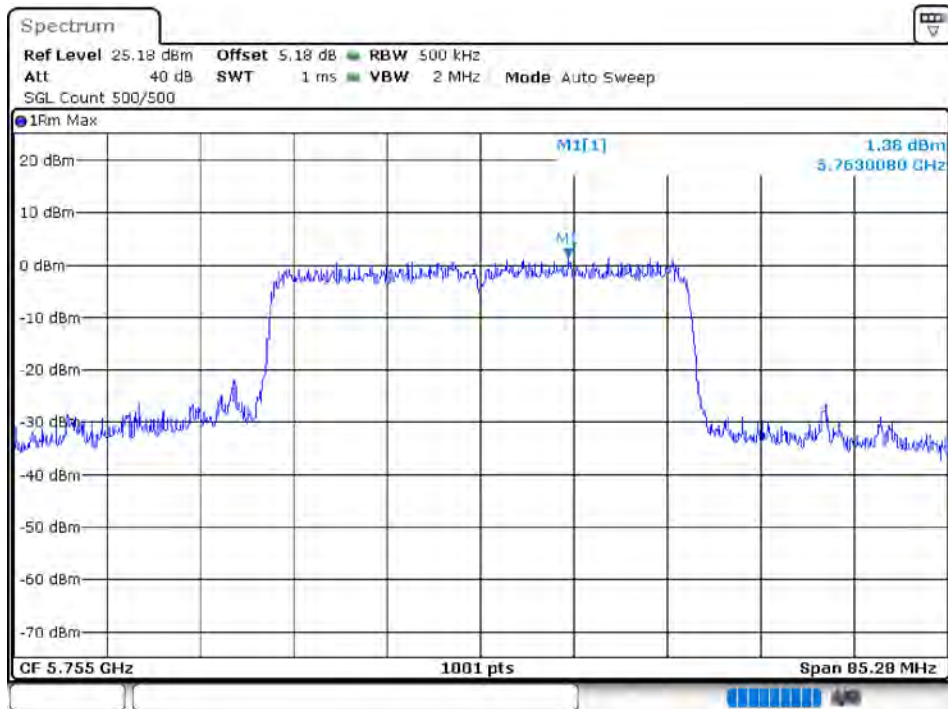
PSD NVNT 802.11ax20 5825MHz Ant2



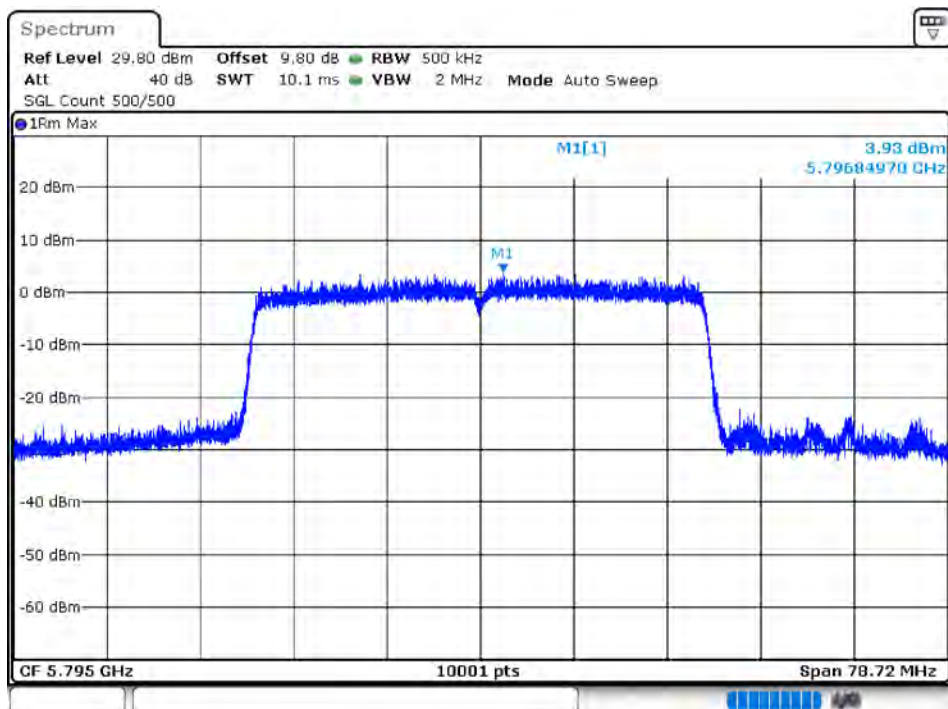
PSD NVNT 802.11ax40 5755MHz Ant1



### PSD NVNT 802.11ax40 5755MHz Ant2

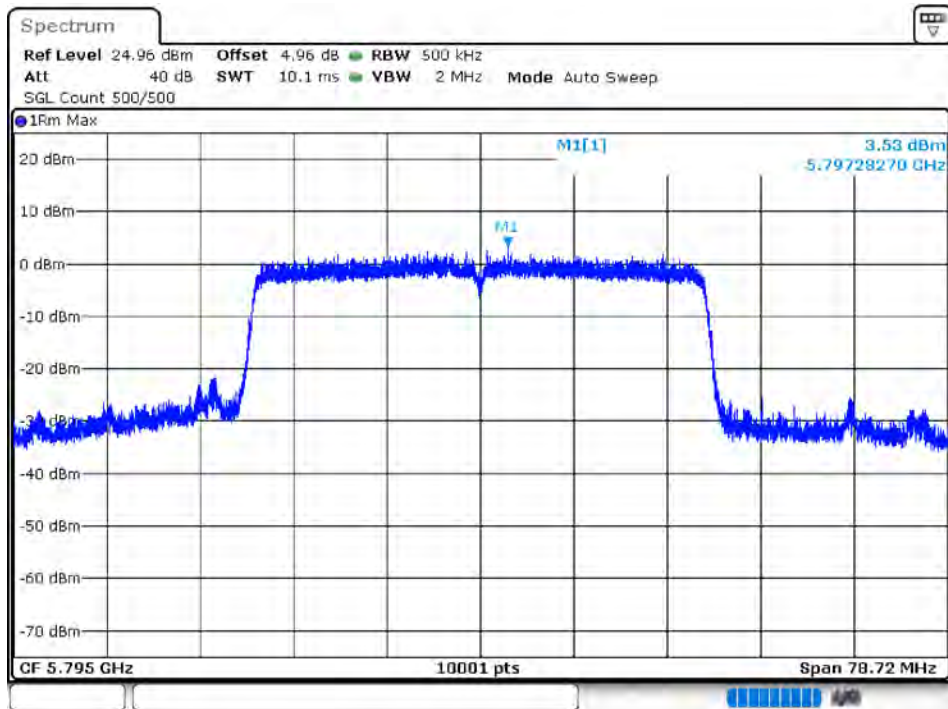


### PSD NVNT 802.11ax40 5795MHz Ant1

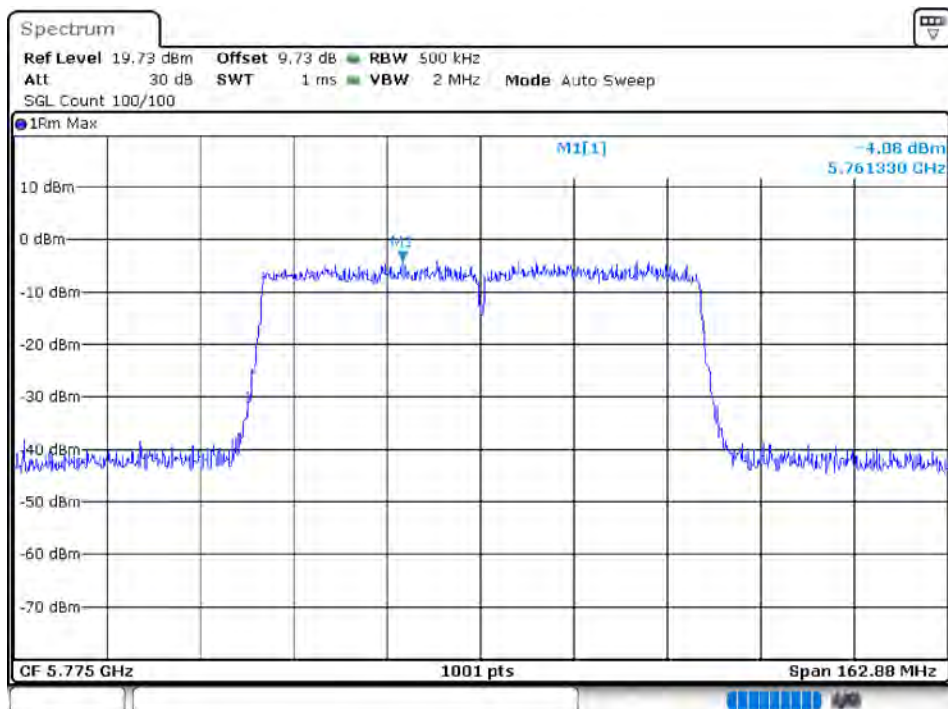




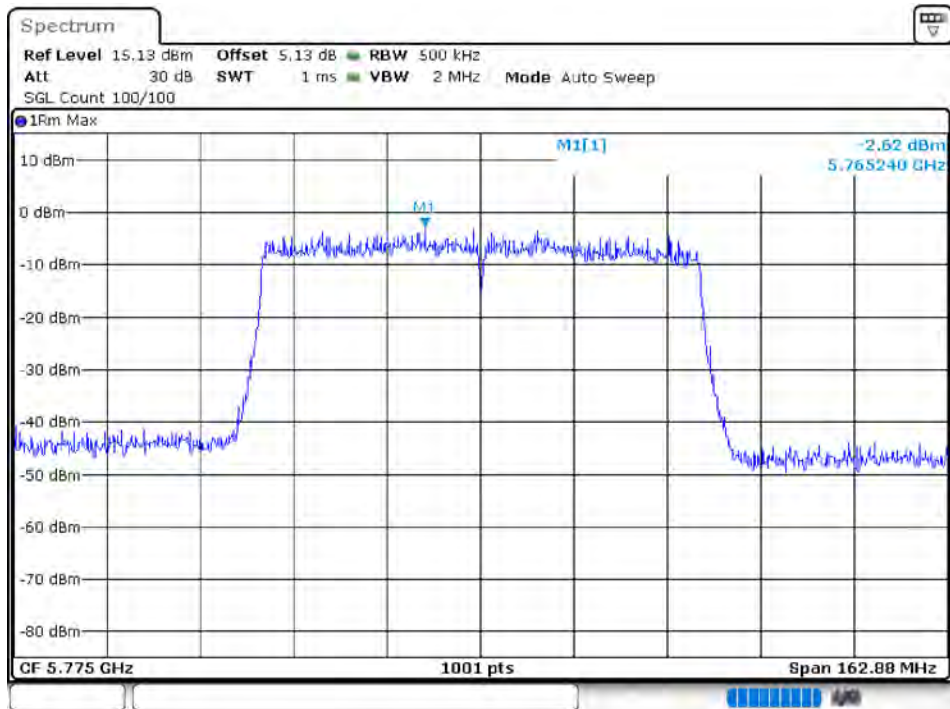
PSD NVNT 802.11ax40 5795MHz Ant2



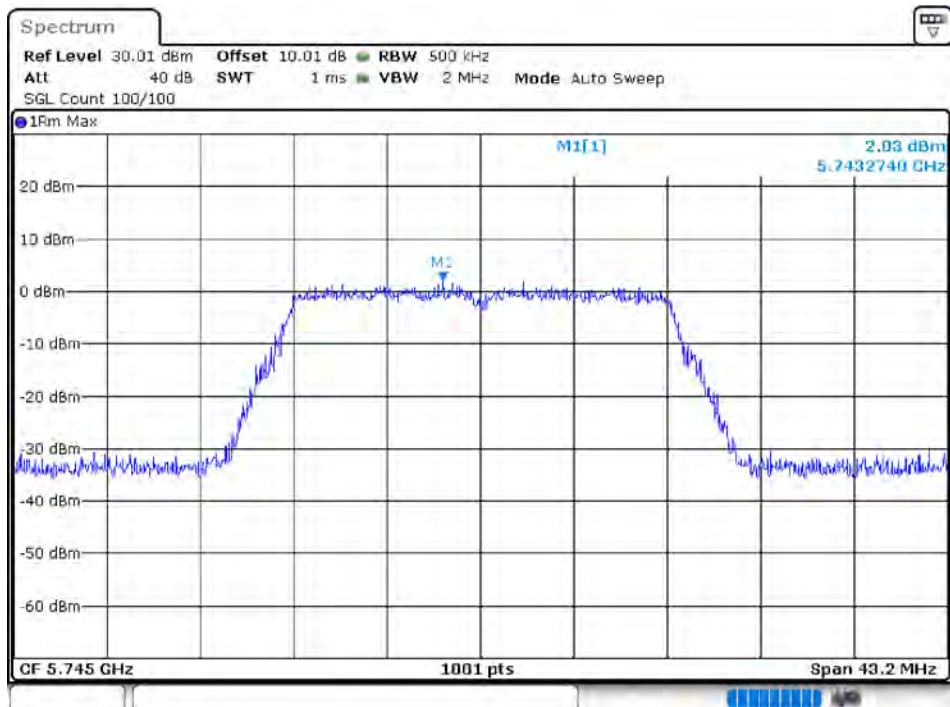
PSD NVNT 802.11ax80 5775MHz Ant1



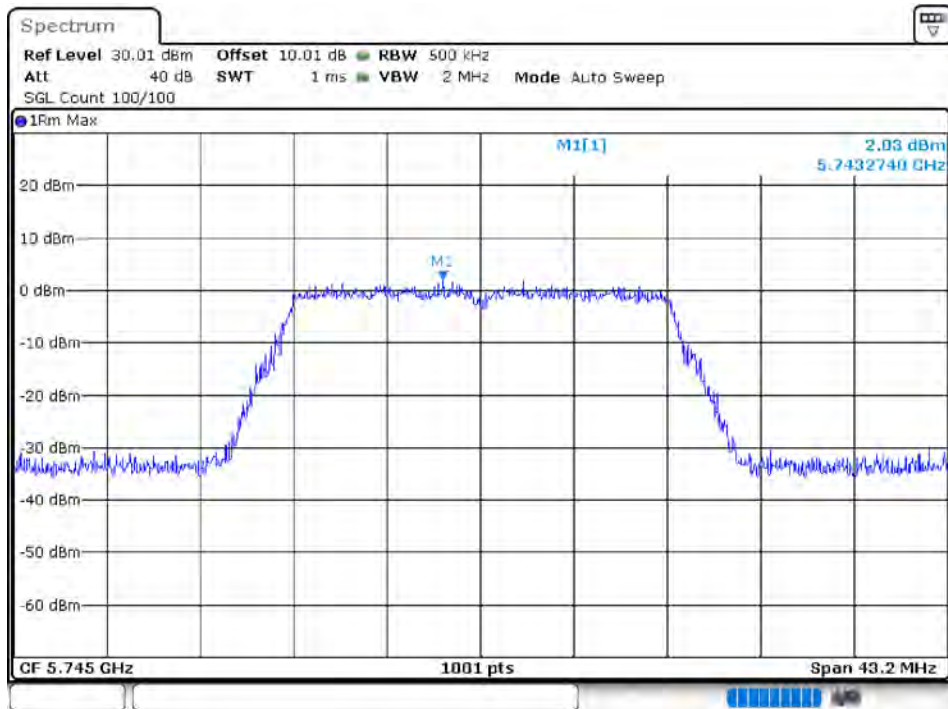
PSD NVNT 802.11ax80 5775MHz Ant2



PSD NVNT 802.11n(HT20) 5745MHz Ant1



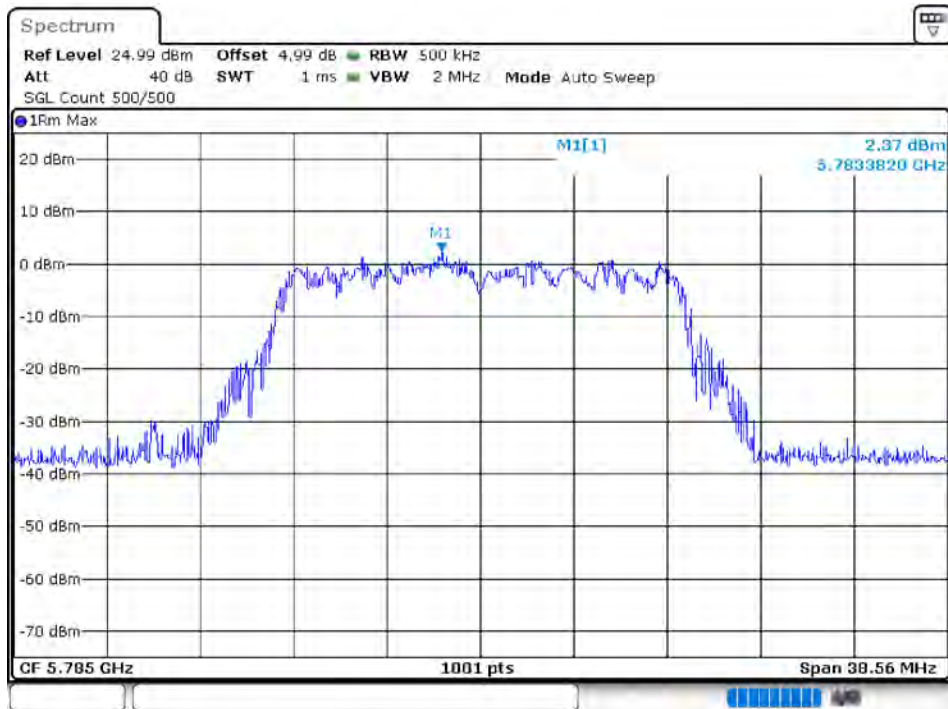
PSD NVNT 802.11n(HT20) 5745MHz Ant2



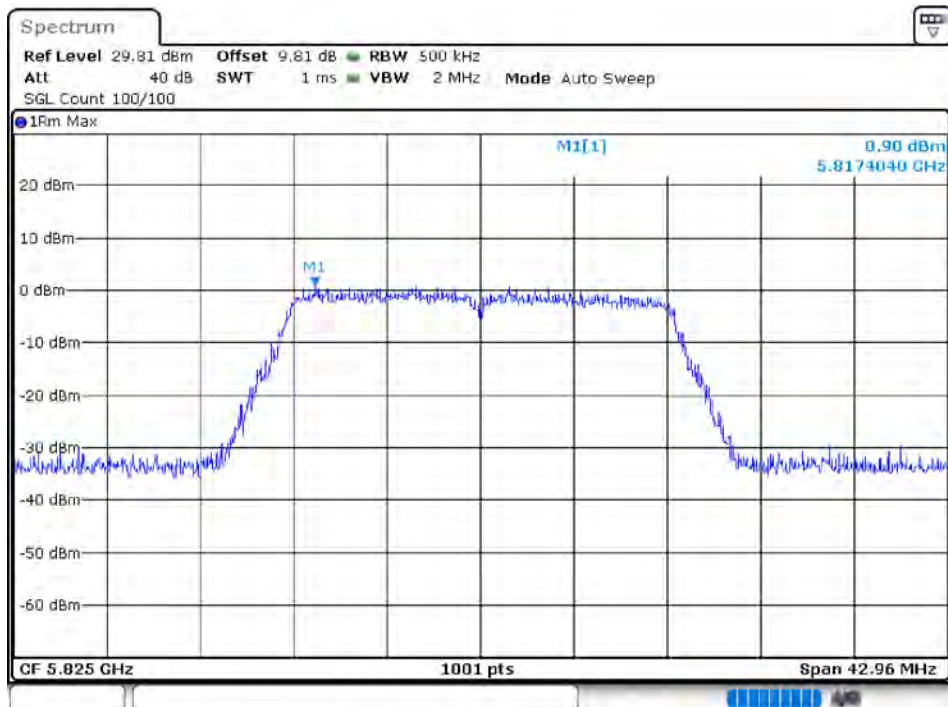
PSD NVNT 802.11n(HT20) 5785MHz Ant1



PSD NVNT 802.11n(HT20) 5785MHz Ant2

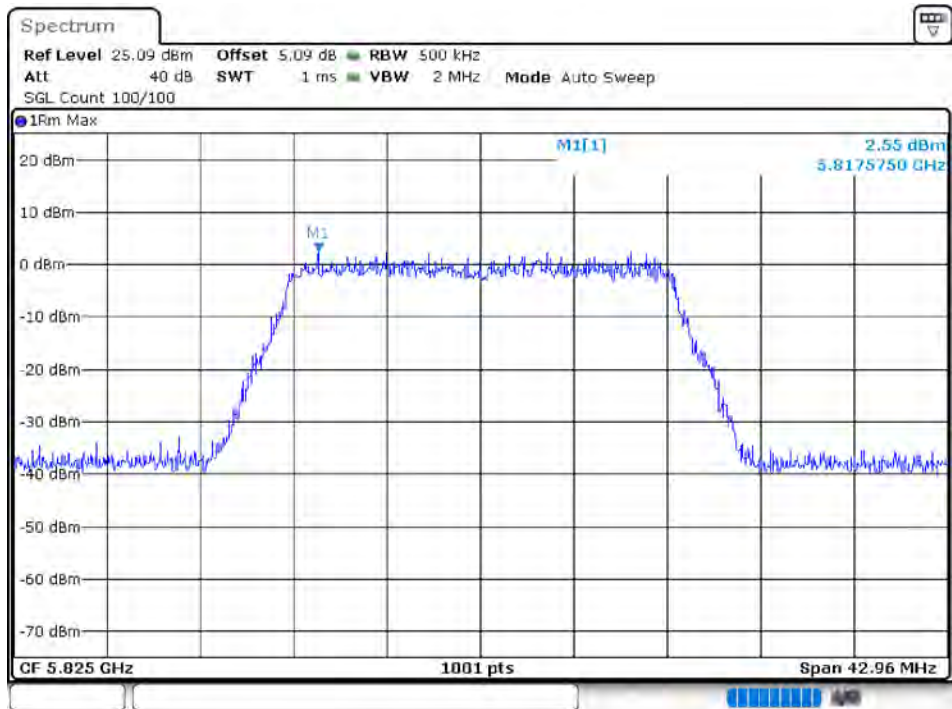


PSD NVNT 802.11n(HT20) 5825MHz Ant1

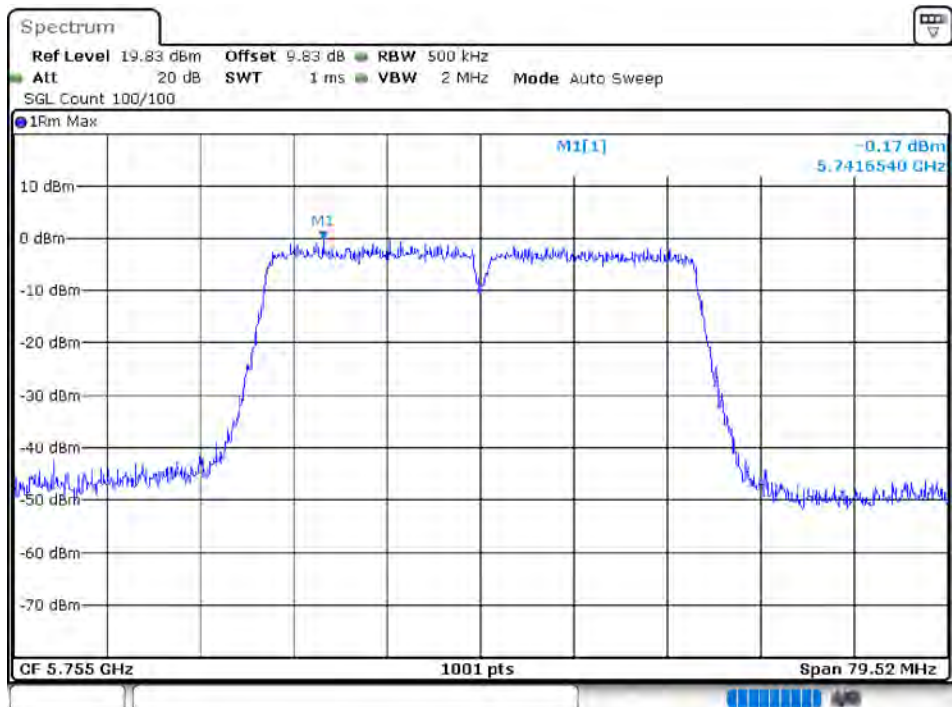




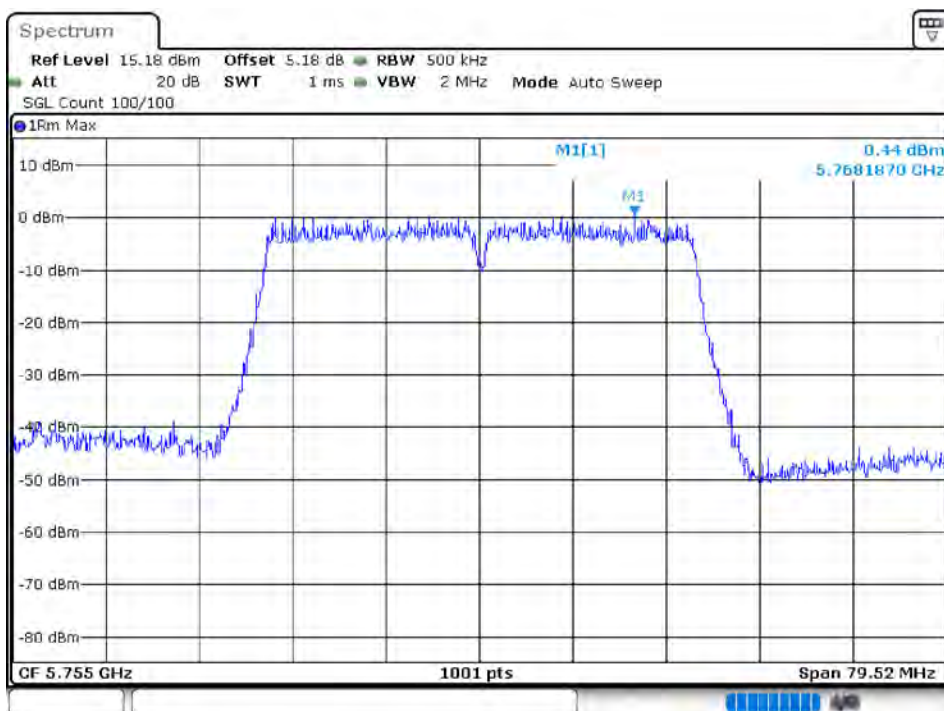
PSD NVNT 802.11n(HT20) 5825MHz Ant2



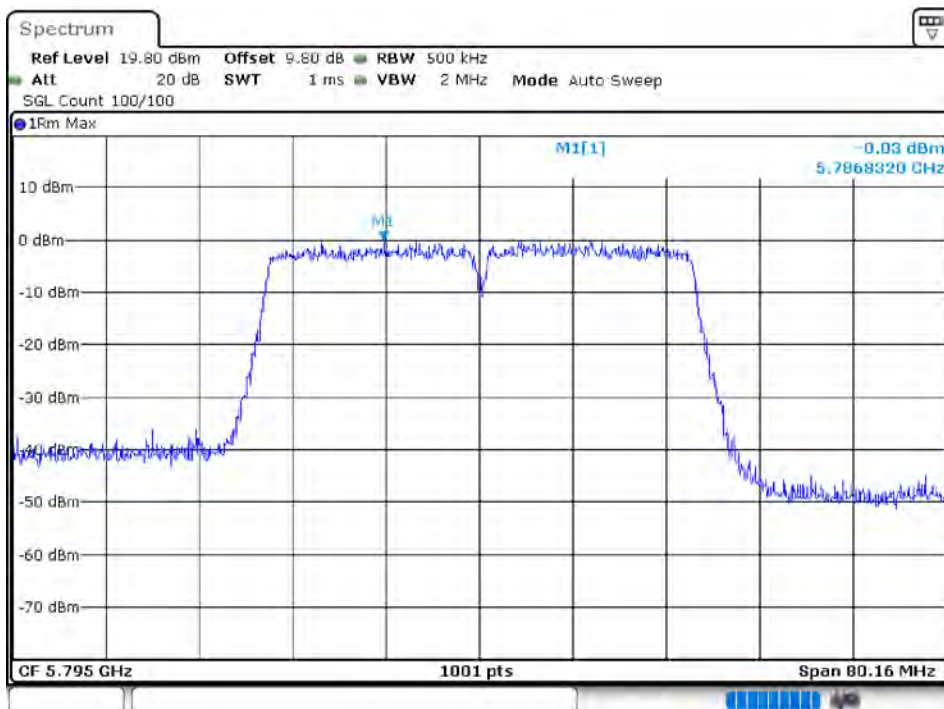
PSD NVNT 802.11n(HT40) 5755MHz Ant1



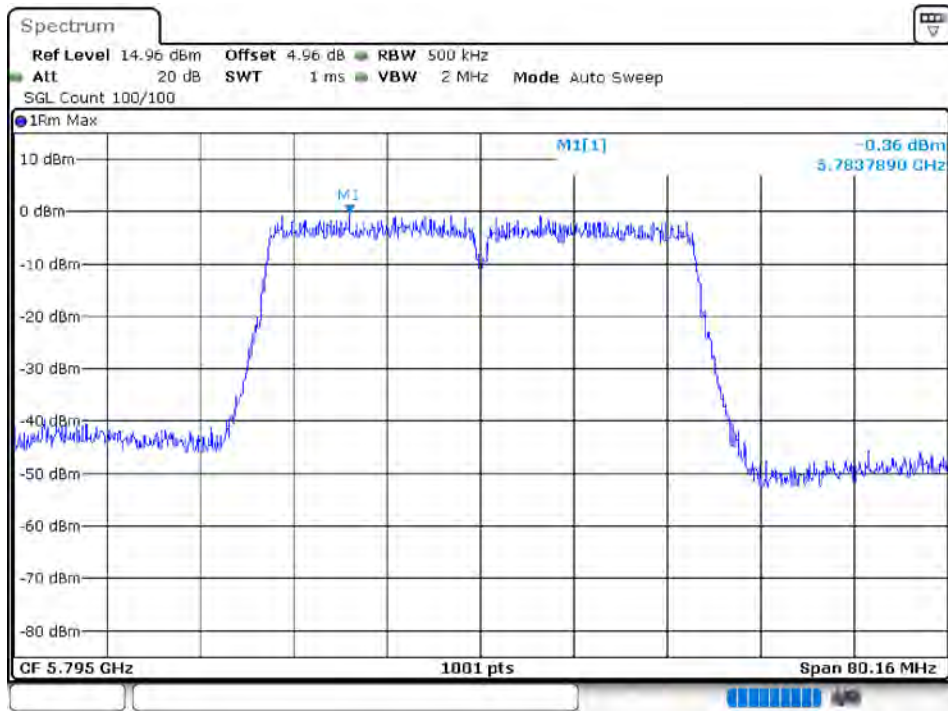
PSD NVNT 802.11n(HT40) 5755MHz Ant2



PSD NVNT 802.11n(HT40) 5795MHz Ant1



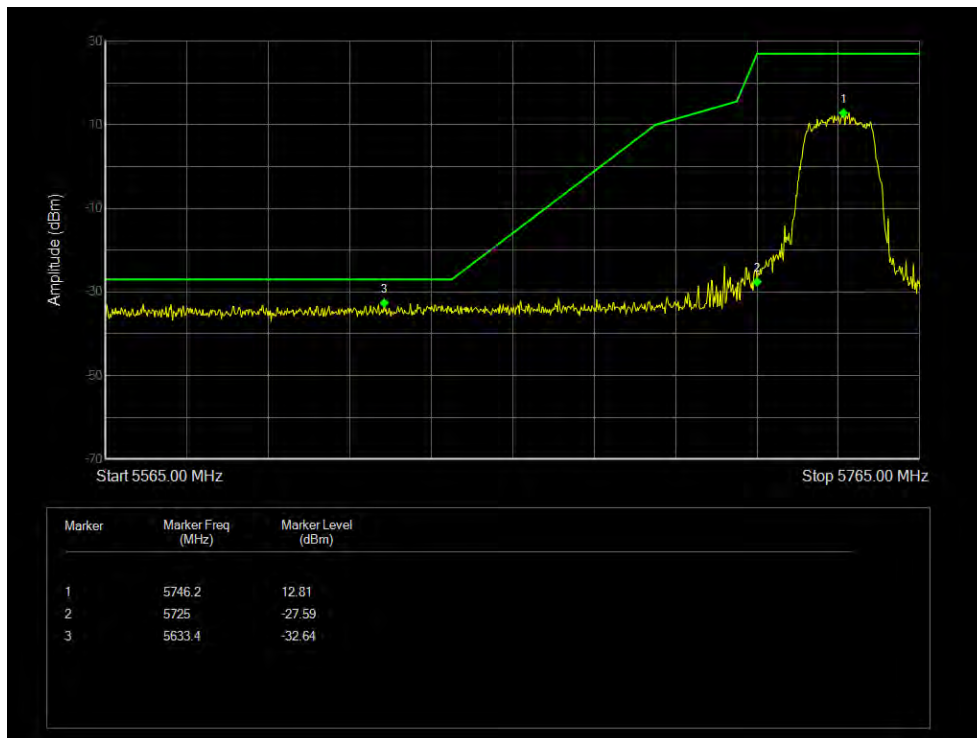
### PSD NVNT 802.11n(HT40) 5795MHz Ant2



**Band Edge**

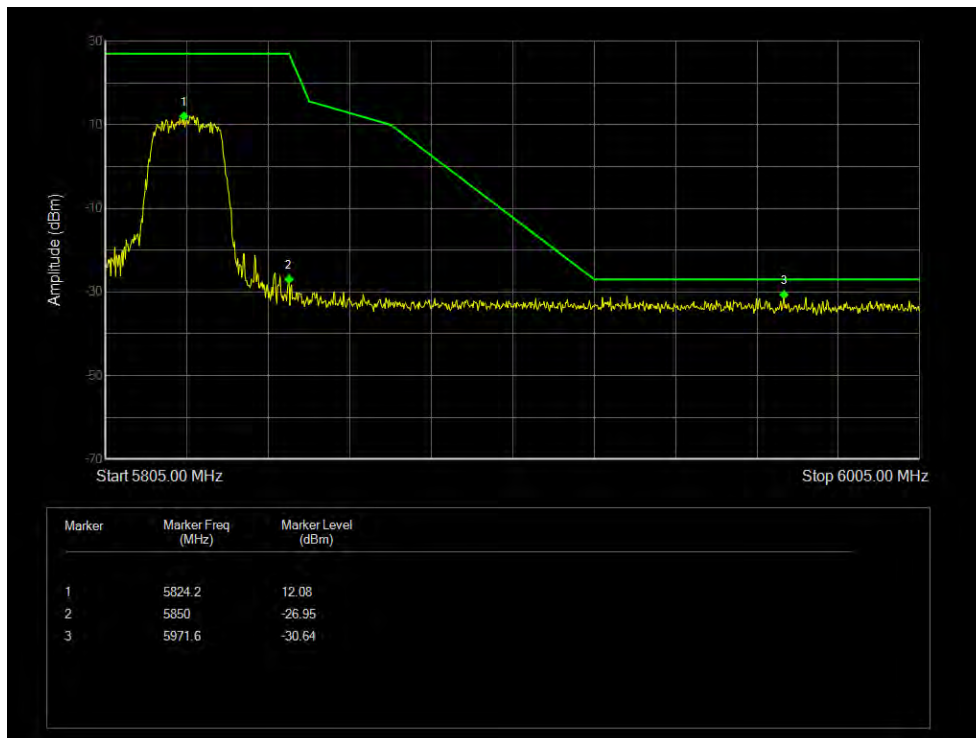
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11ac20	5745	Sum	-32.64	Pass
NVNT	802.11ac20	5825	Sum	-30.64	Pass
NVNT	802.11ac40	5755	Sum	-32.6	Pass
NVNT	802.11ac40	5795	Sum	-32.04	Pass
NVNT	802.11ac80	5775	Sum	-27.41	Pass
NVNT	802.11ac80	5775	Sum	-30.23	Pass
NVNT	802.11ax20	5745	Sum	-32.55	Pass
NVNT	802.11ax20	5825	Sum	-31.6	Pass
NVNT	802.11ax40	5755	Sum	-30.33	Pass
NVNT	802.11ax40	5795	Sum	-31.82	Pass
NVNT	802.11ax80	5775	Sum	-23.44	Pass
NVNT	802.11ax80	5775	Sum	-28.7	Pass
NVNT	802.11n(HT20)	5745	Sum	-32.08	Pass
NVNT	802.11n(HT20)	5825	Sum	-31.62	Pass
NVNT	802.11n(HT40)	5755	Sum	-32.61	Pass
NVNT	802.11n(HT40)	5795	Sum	-31.38	Pass

Band Edge NVNT 802.11ac20 5745MHz Low Sum



Band Edge NVNT 802.11ac20 5825MHz High Sum





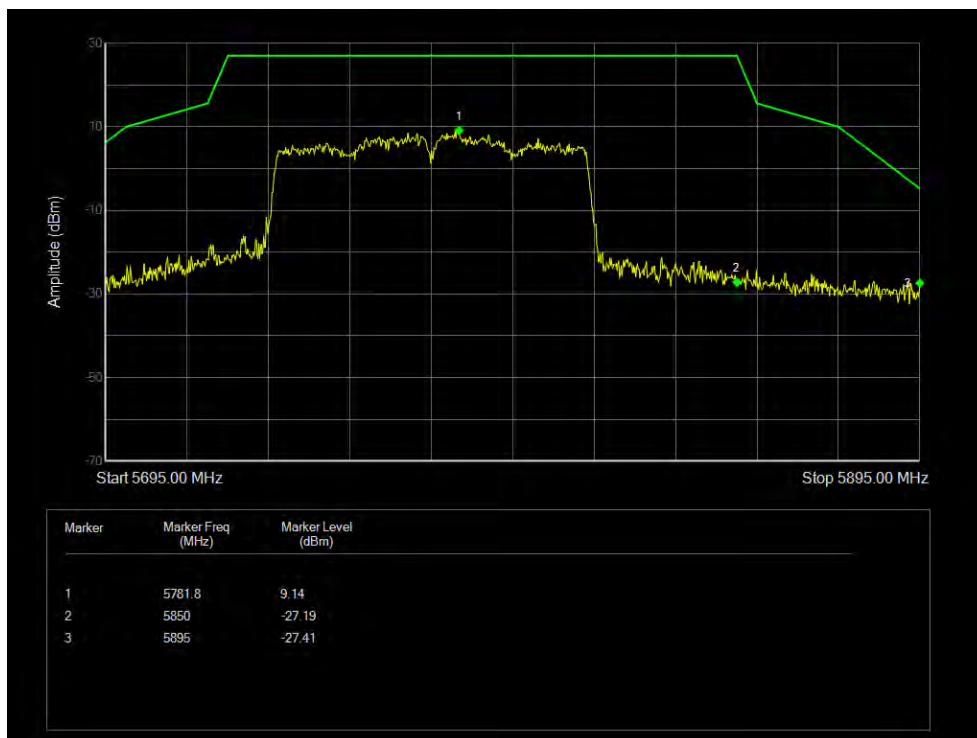
Band Edge NVNT 802.11ac40 5755MHz Low Sum



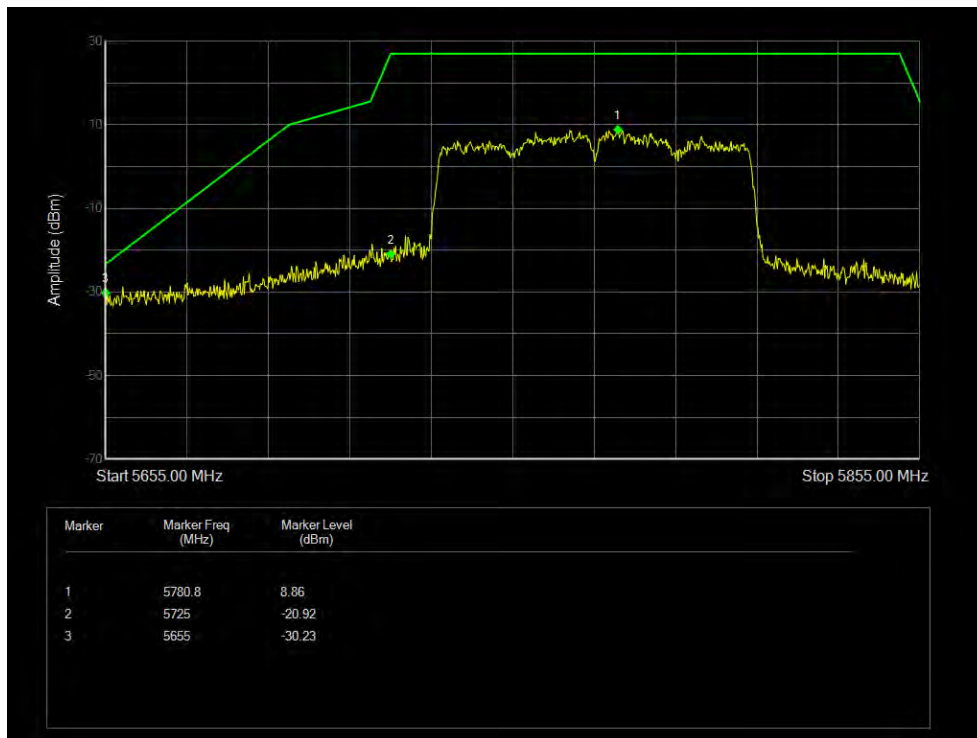
Band Edge NVNT 802.11ac40 5795MHz High Sum



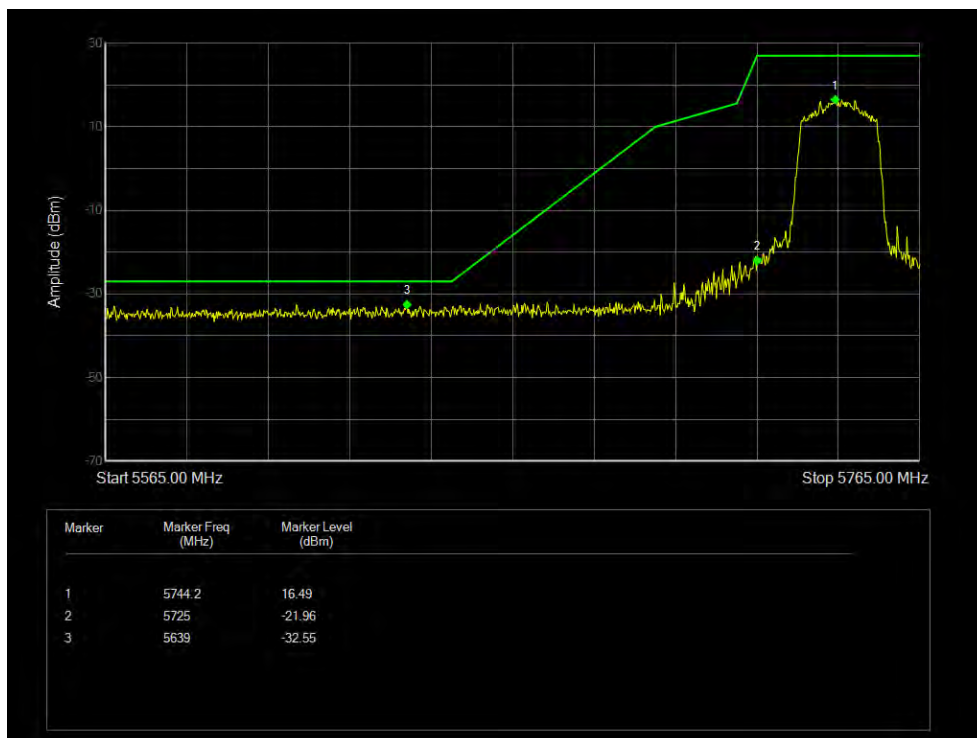
Band Edge NVNT 802.11ac80 5775MHz High Sum



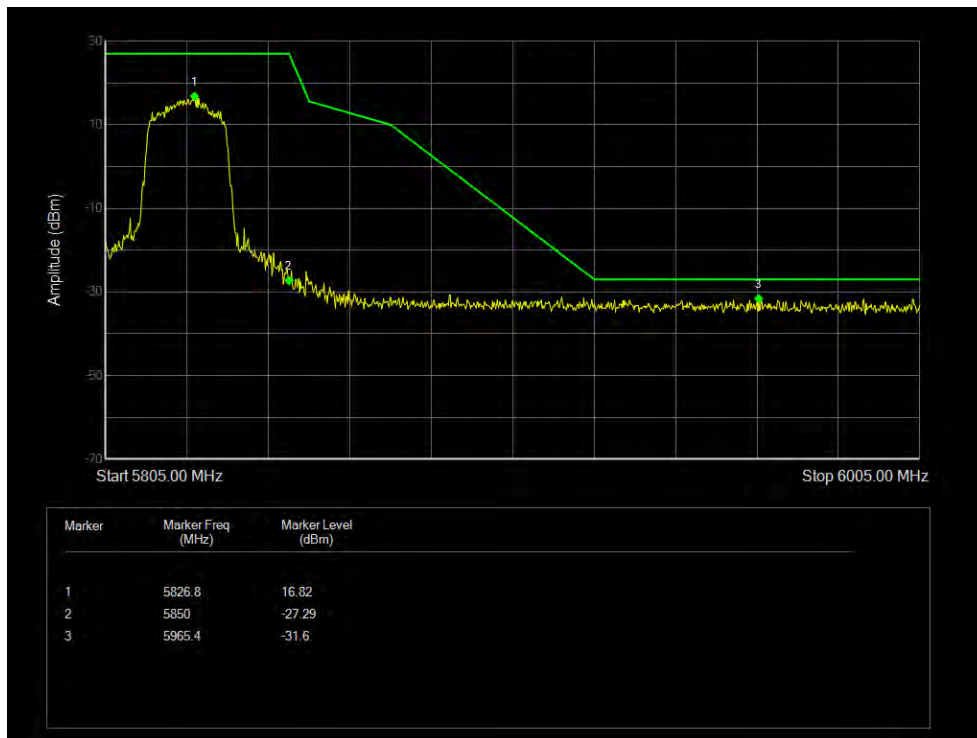
Band Edge NVNT 802.11ac80 5775MHz Low Sum



Band Edge NVNT 802.11ax20 5745MHz Low Sum



Band Edge NVNT 802.11ax20 5825MHz High Sum



Band Edge NVNT 802.11ax40 5755MHz Low Sum

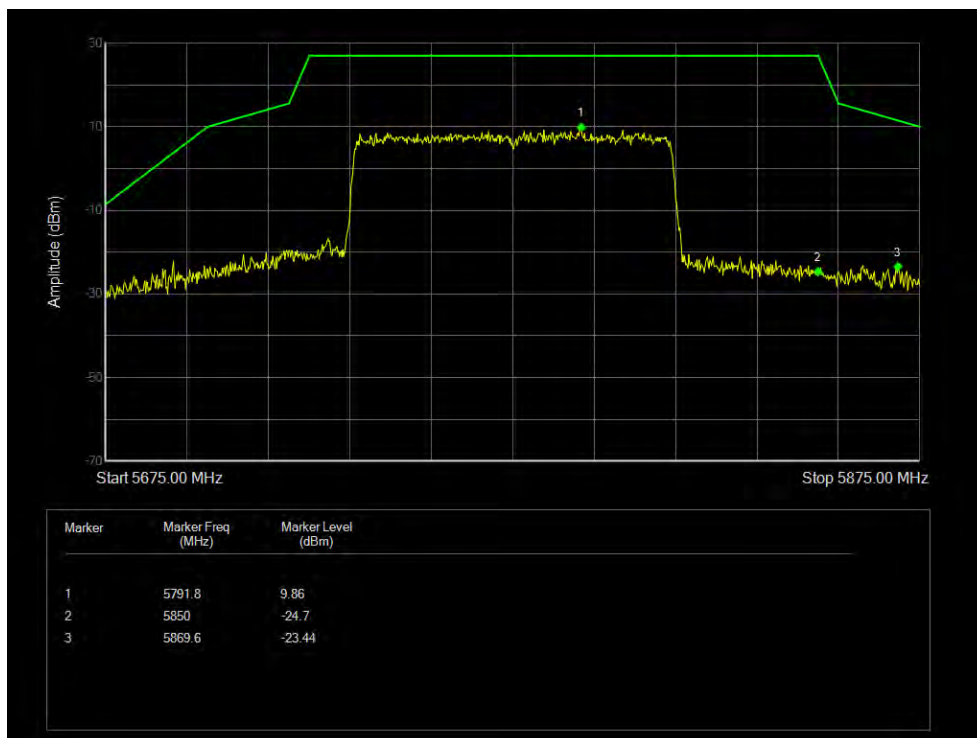


Band Edge NVNT 802.11ax40 5795MHz High Sum





Band Edge NVNT 802.11ax80 5775MHz High Sum



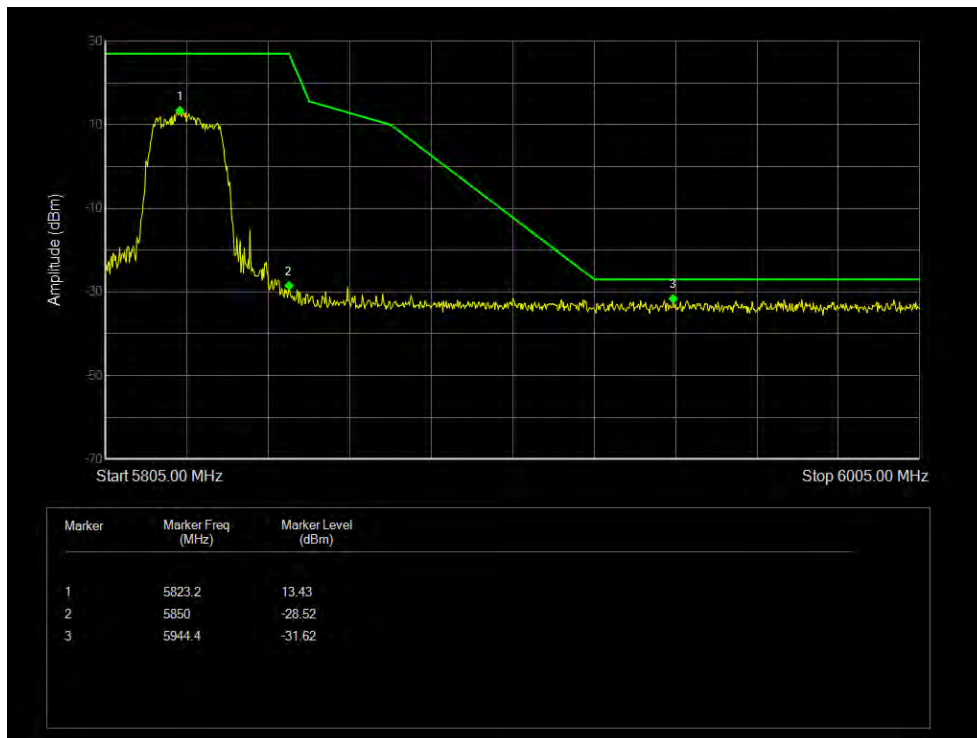
Band Edge NVNT 802.11ax80 5775MHz Low Sum



Band Edge NVNT 802.11n(HT20) 5745MHz Low Sum



Band Edge NVNT 802.11n(HT20) 5825MHz High Sum



Band Edge NVNT 802.11n(HT40) 5755MHz Low Sum



Band Edge NVNT 802.11n(HT40) 5795MHz High Sum

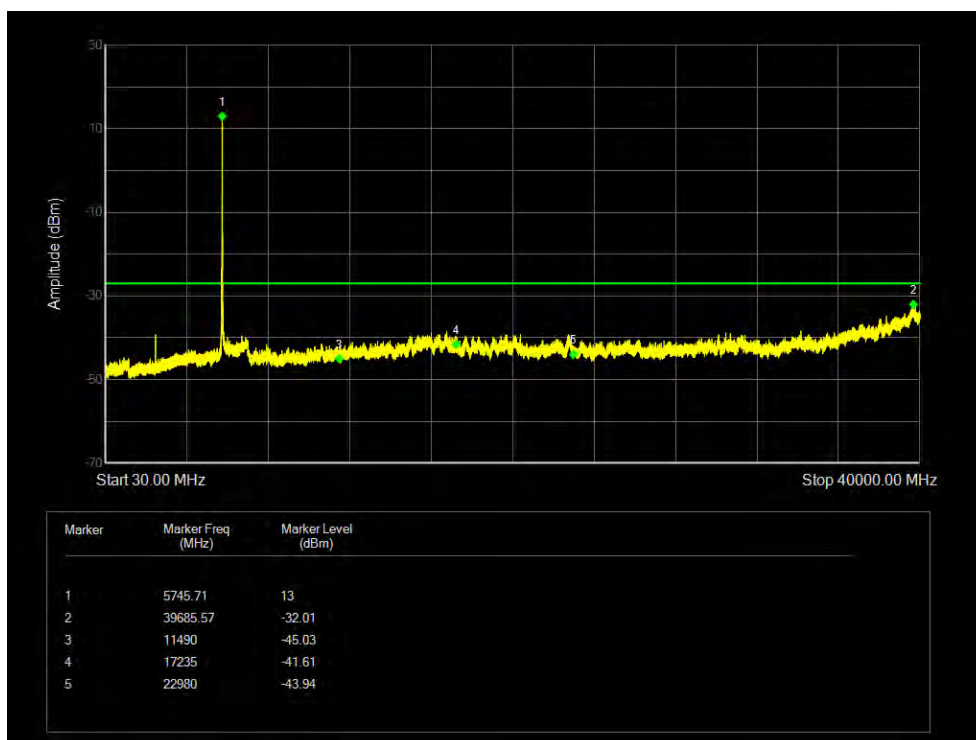




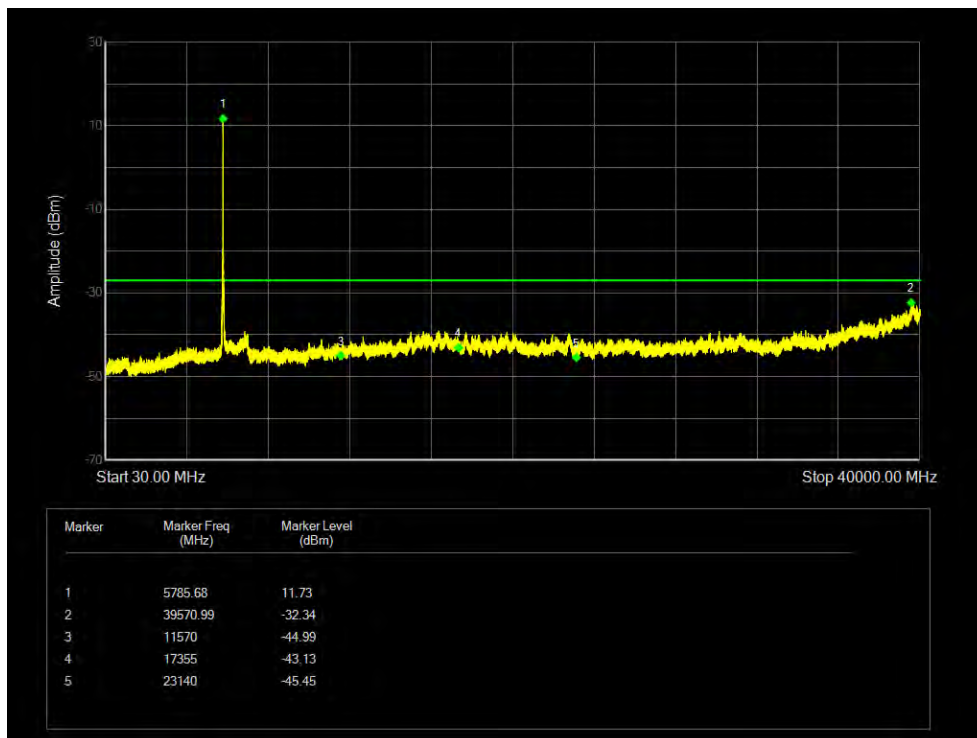
**Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11ac20	5745	Sum	-32.01	-27	Pass
NVNT	802.11ac20	5785	Sum	-32.34	-27	Pass
NVNT	802.11ac20	5825	Sum	-32.02	-27	Pass
NVNT	802.11ac40	5755	Sum	-32.16	-27	Pass
NVNT	802.11ac40	5795	Sum	-32.37	-27	Pass
NVNT	802.11ac80	5775	Sum	-32.58	-27	Pass
NVNT	802.11ax20	5745	Sum	-31.83	-27	Pass
NVNT	802.11ax20	5785	Sum	-31.2	-27	Pass
NVNT	802.11ax20	5825	Sum	-32.35	-27	Pass
NVNT	802.11ax40	5755	Sum	-31.28	-27	Pass
NVNT	802.11ax40	5795	Sum	-31.61	-27	Pass
NVNT	802.11ax80	5775	Sum	-34.75	-27	Pass
NVNT	802.11n(HT20)	5745	Sum	-32.29	-27	Pass
NVNT	802.11n(HT20)	5785	Sum	-32.75	-27	Pass
NVNT	802.11n(HT20)	5825	Sum	-31.97	-27	Pass
NVNT	802.11n(HT40)	5755	Sum	-31.87	-27	Pass
NVNT	802.11n(HT40)	5795	Sum	-32.54	-27	Pass

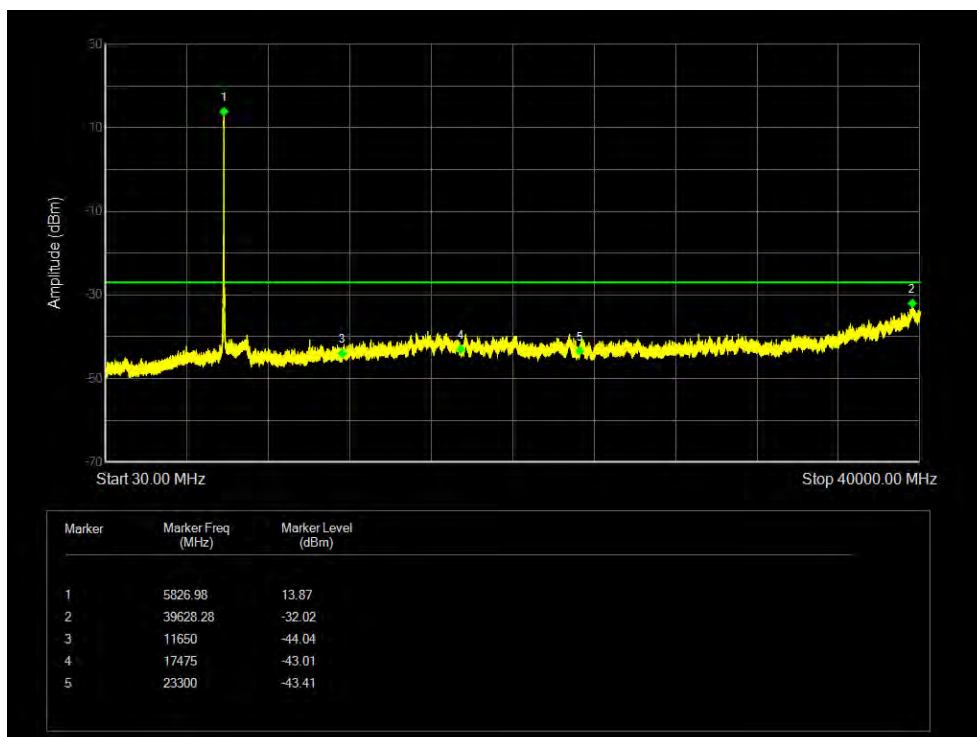
Tx. Spurious NVNT 802.11ac20 5745MHz Sum Emission



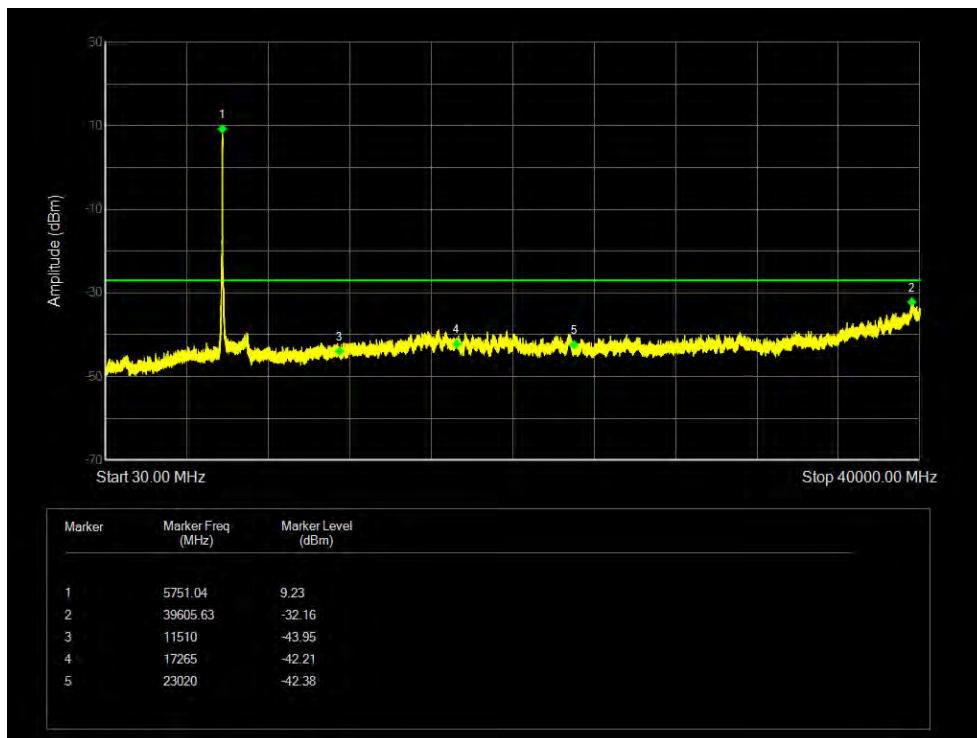
Tx. Spurious NVNT 802.11ac20 5785MHz Sum Emission



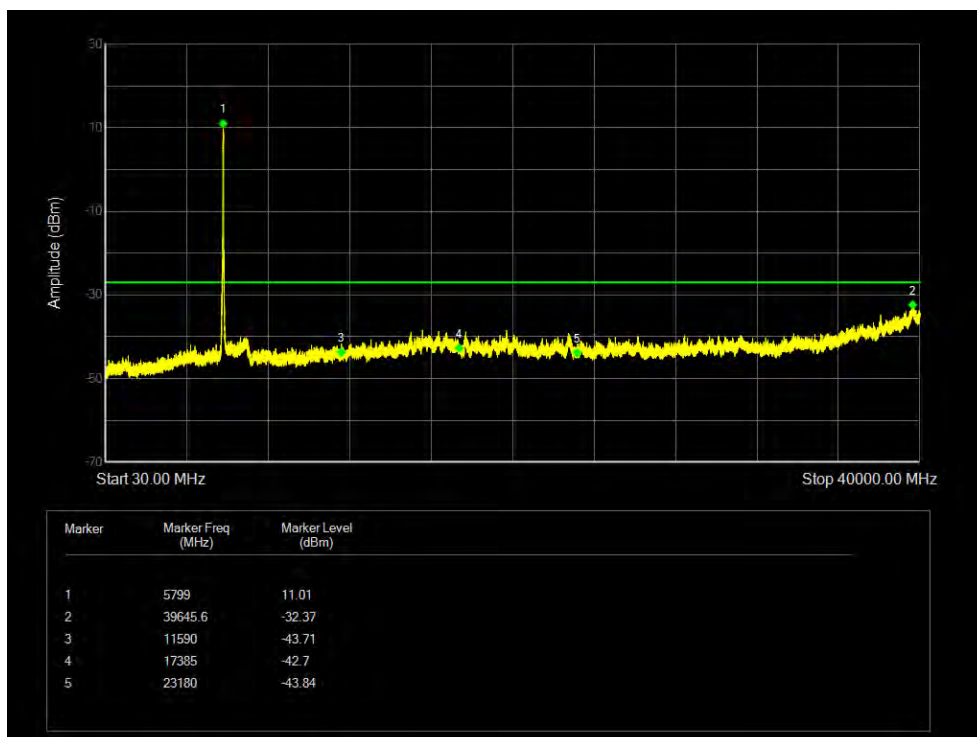
Tx. Spurious NVNT 802.11ac20 5825MHz Sum Emission



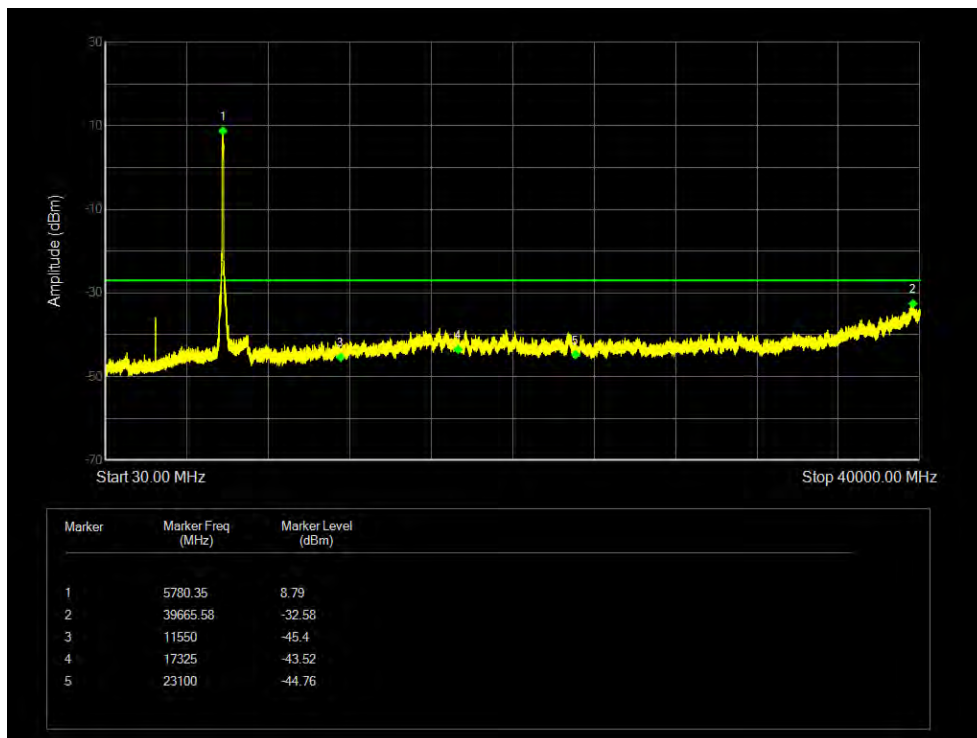
Tx. Spurious NVNT 802.11ac40 5755MHz Sum Emission



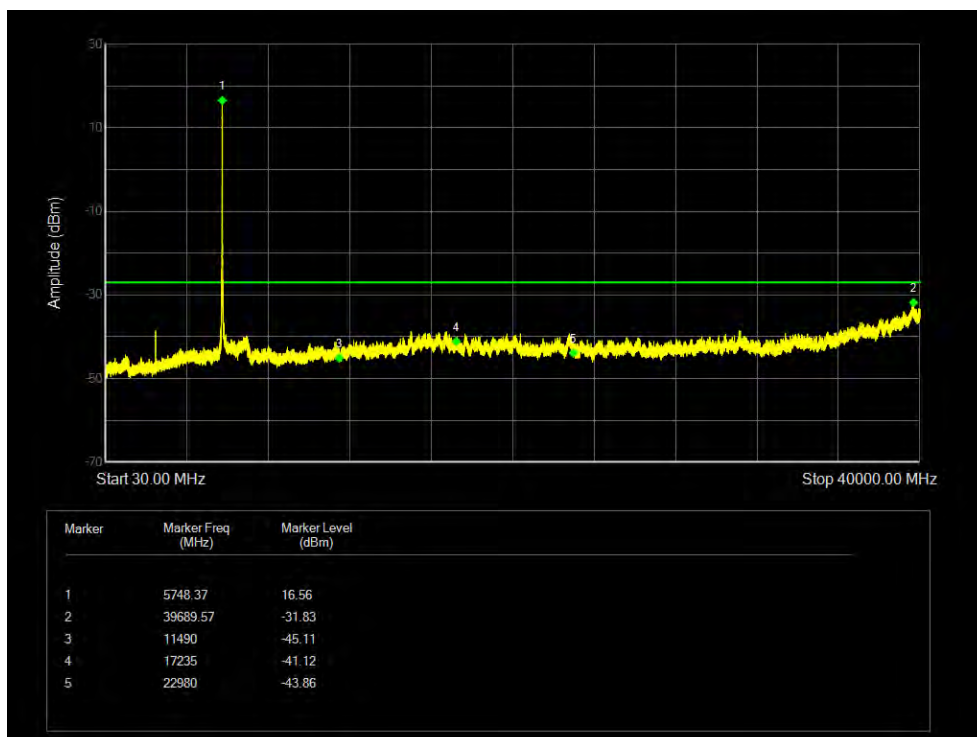
Tx. Spurious NVNT 802.11ac40 5795MHz Sum Emission



Tx. Spurious NVNT 802.11ac80 5775MHz Sum Emission

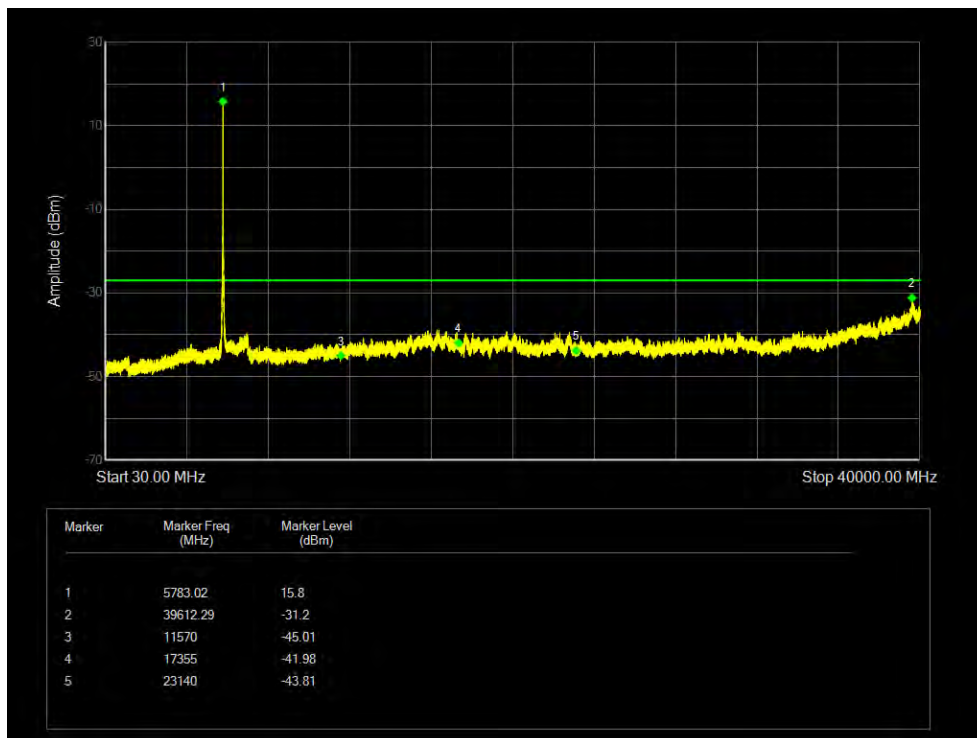


Tx. Spurious NVNT 802.11ax20 5745MHz Sum Emission

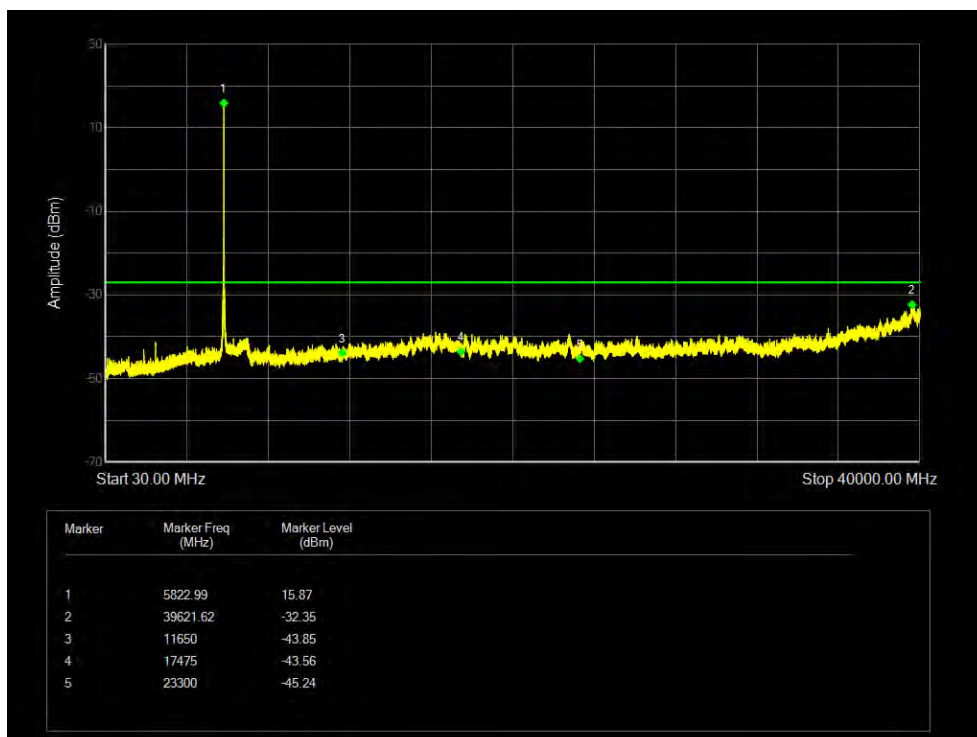




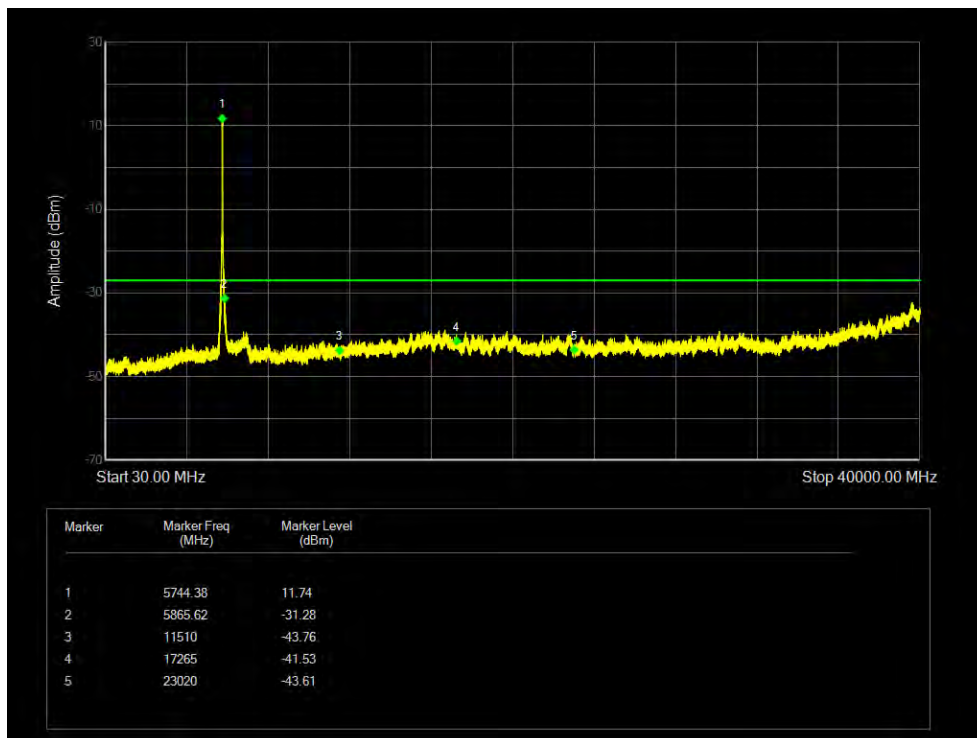
Tx. Spurious NVNT 802.11ax20 5785MHz Sum Emission



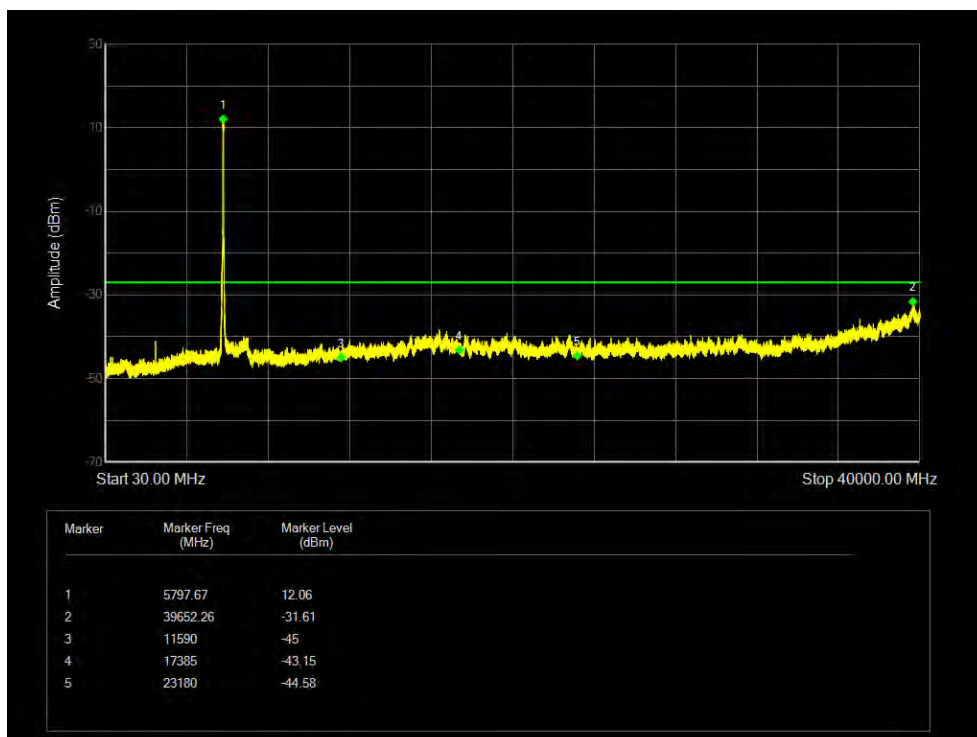
Tx. Spurious NVNT 802.11ax20 5825MHz Sum Emission



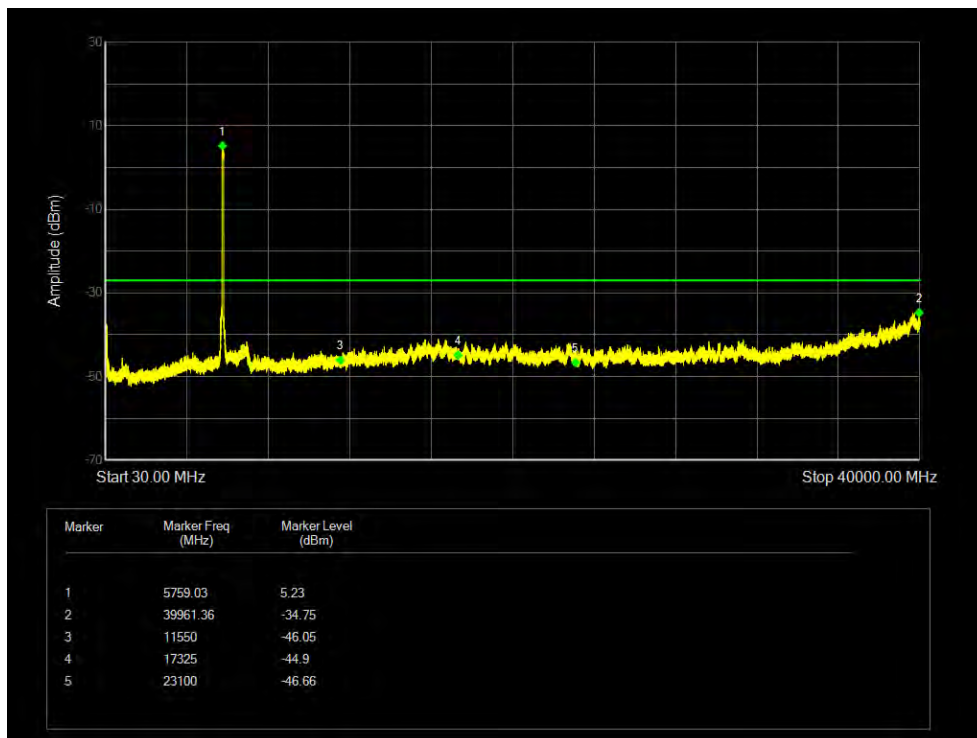
Tx. Spurious NVNT 802.11ax40 5755MHz Sum Emission



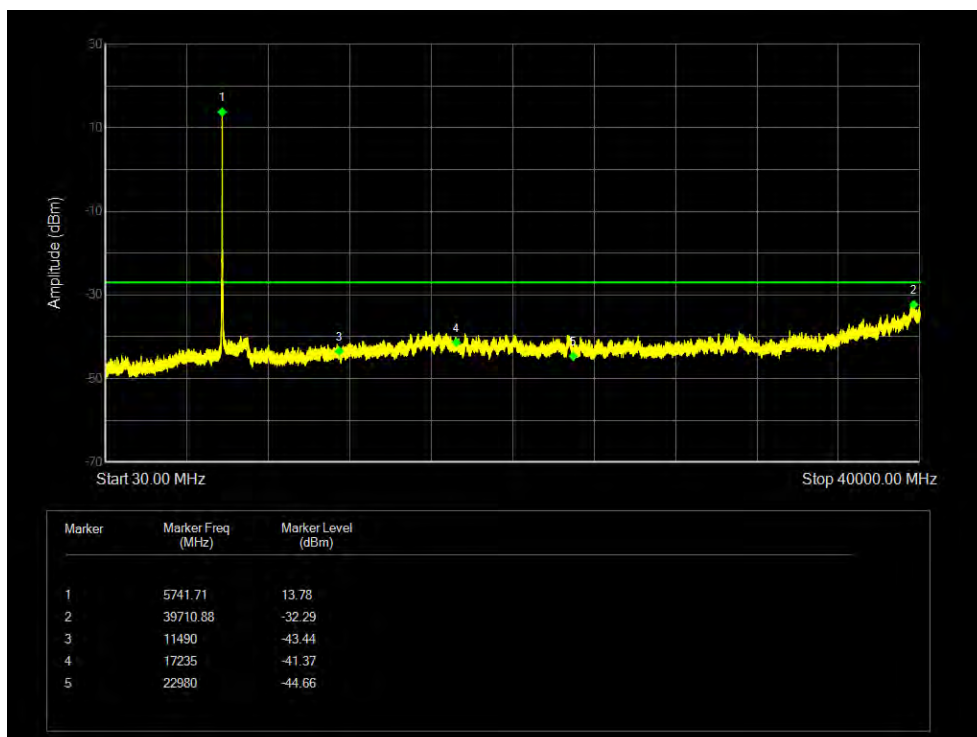
Tx. Spurious NVNT 802.11ax40 5795MHz Sum Emission



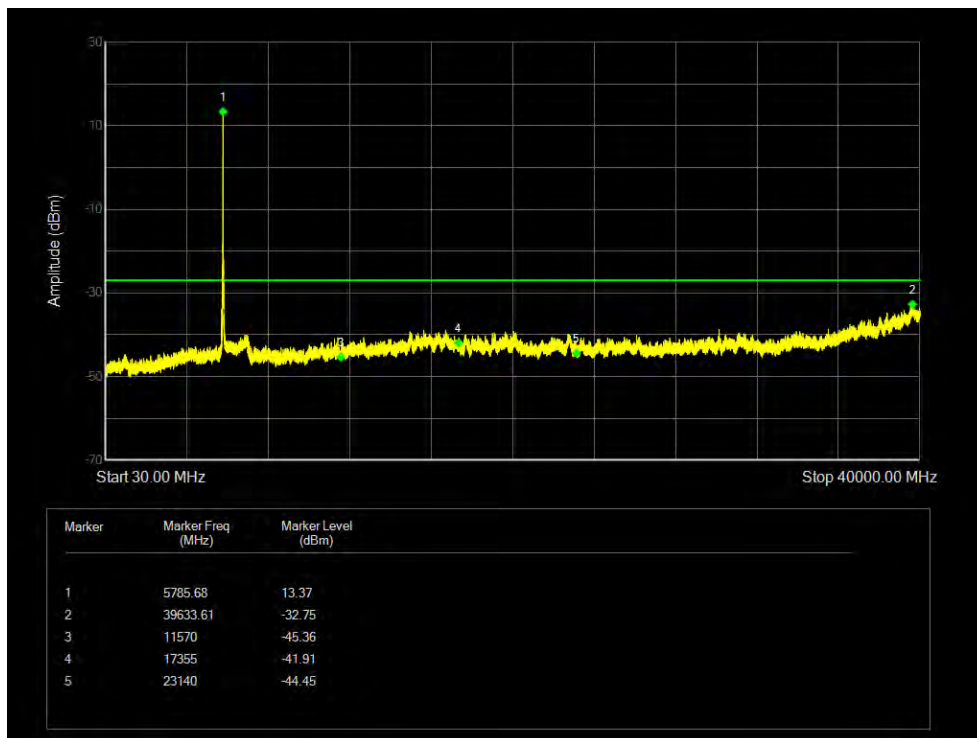
Tx. Spurious NVNT 802.11ax80 5775MHz Sum Emission



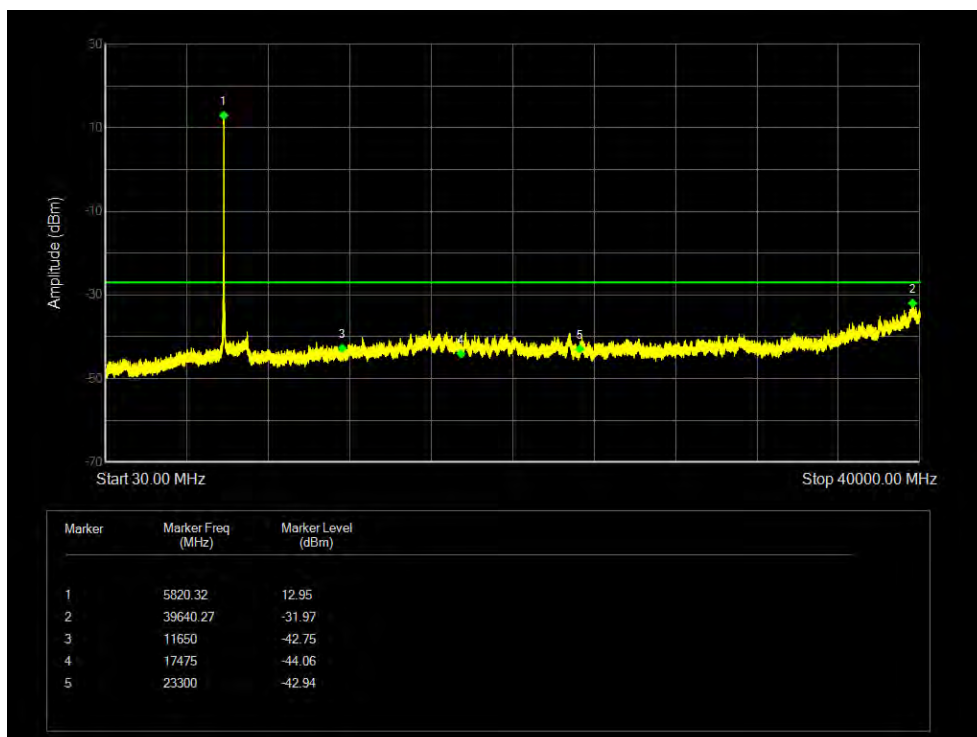
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT20) 5785MHz Sum Emission

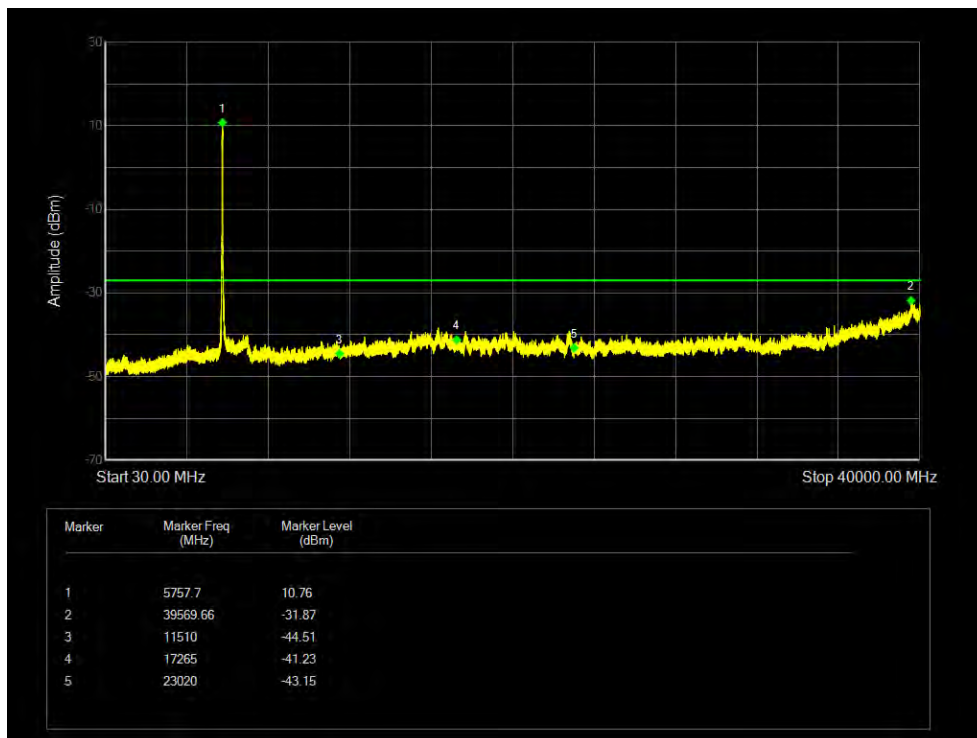


Tx. Spurious NVNT 802.11n(HT20) 5825MHz Sum Emission

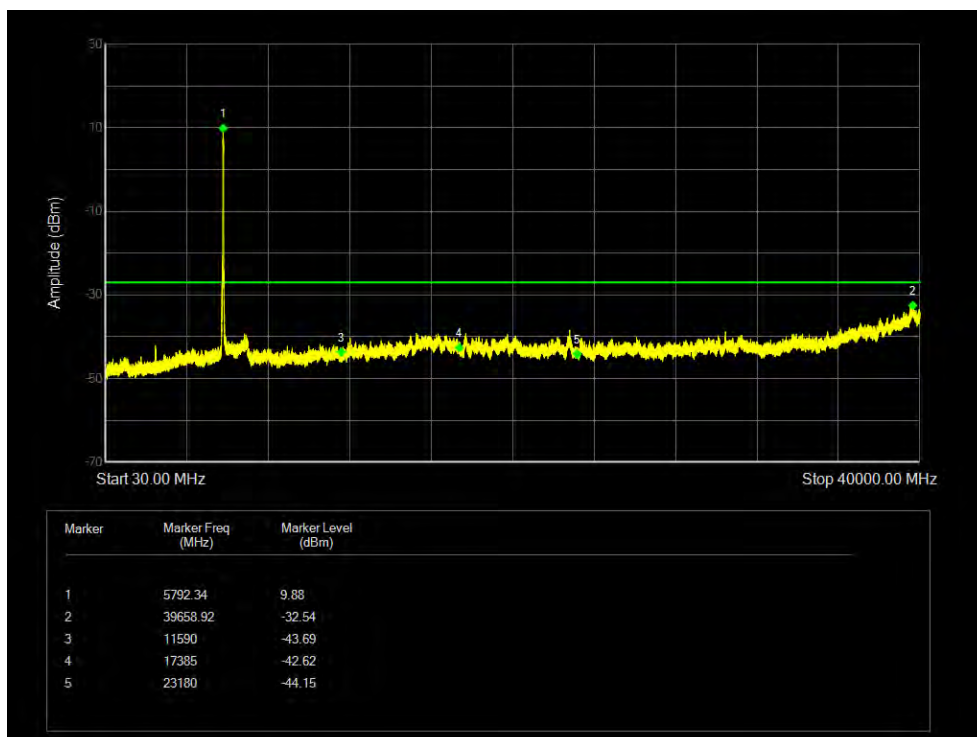




Tx. Spurious NVNT 802.11n(HT40) 5755MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Sum Emission

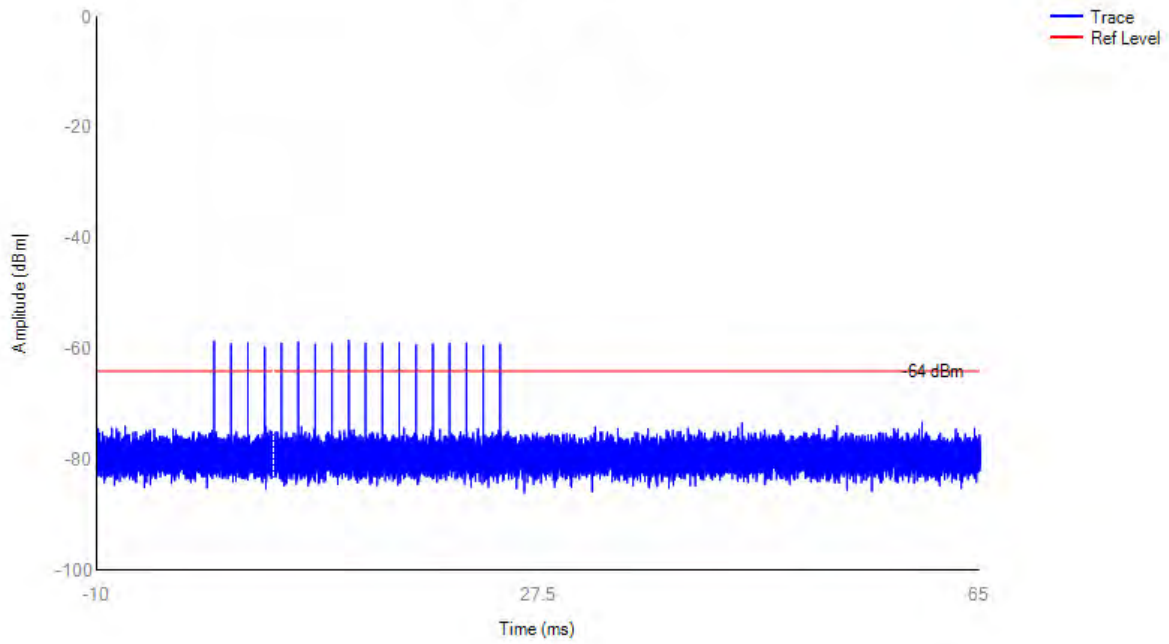


# DFS

## Calibration

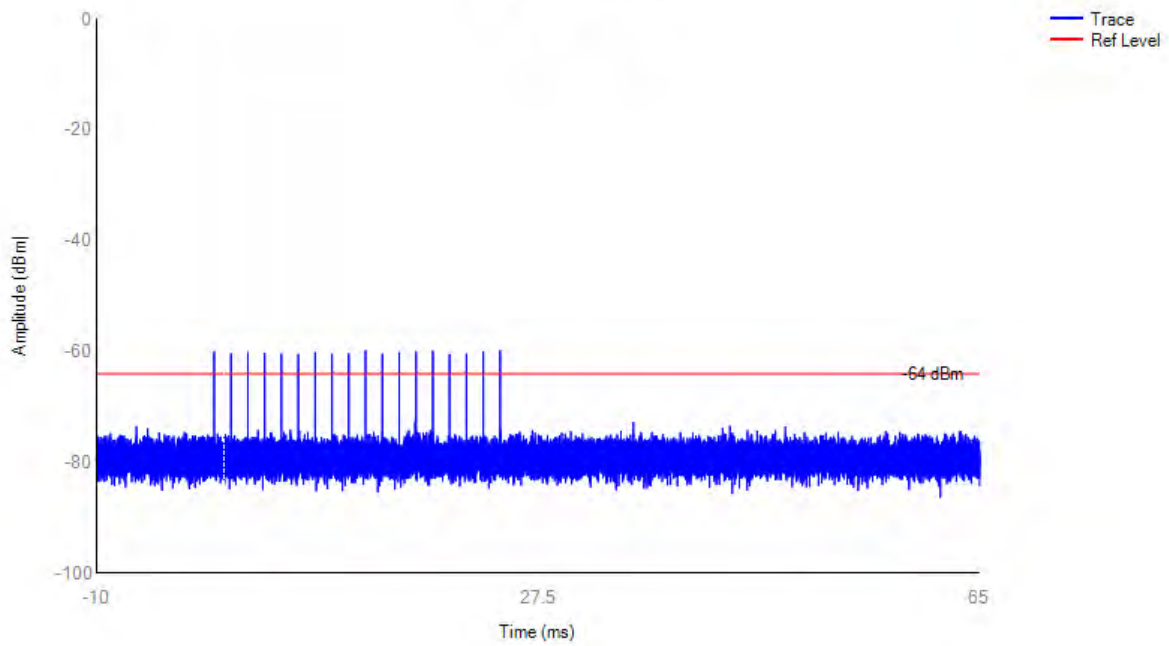
5260MHz a DFS\_FCC\_T0

### Radar Calibration



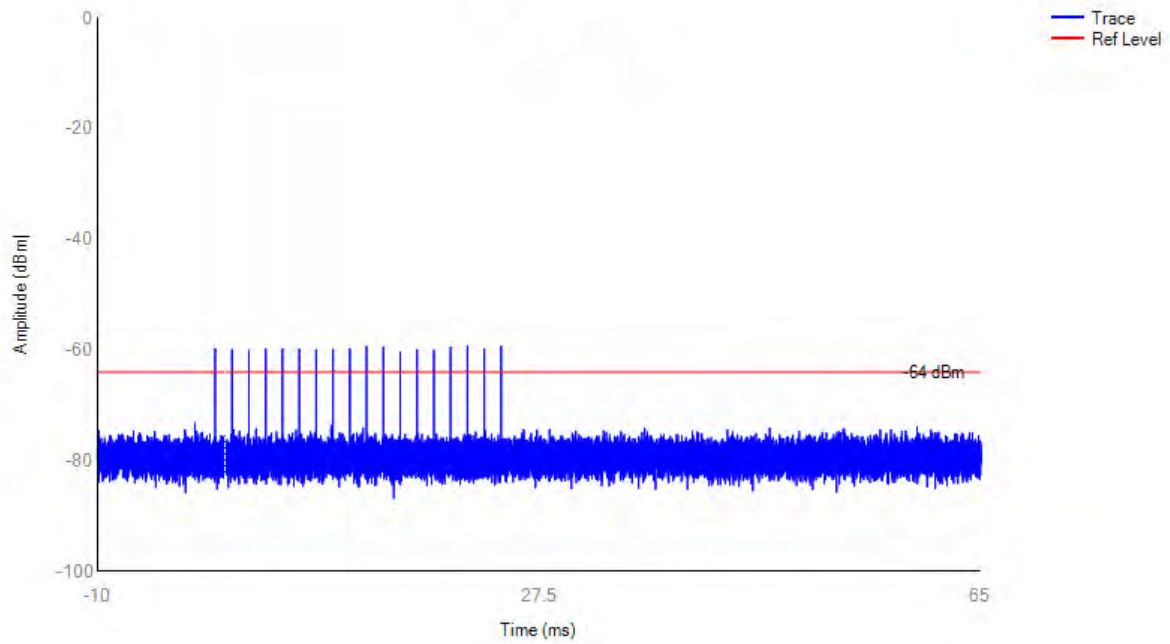
5500MHz a DFS\_FCC\_T0

### Radar Calibration



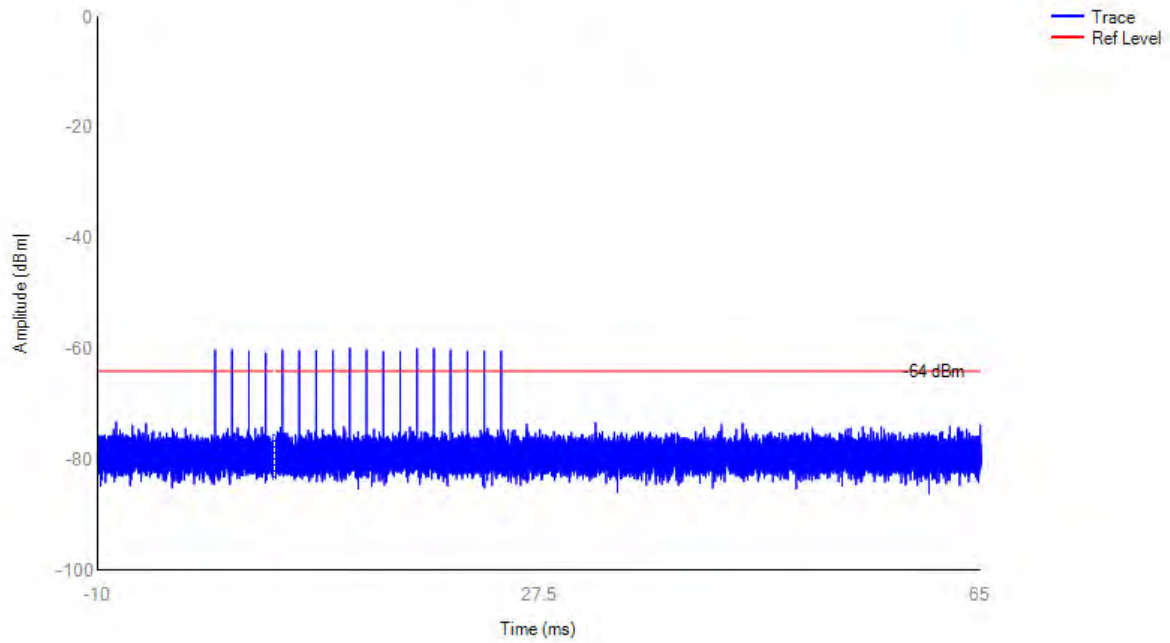
5270MHz n40 DFS\_FCC\_T0

Radar Calibration



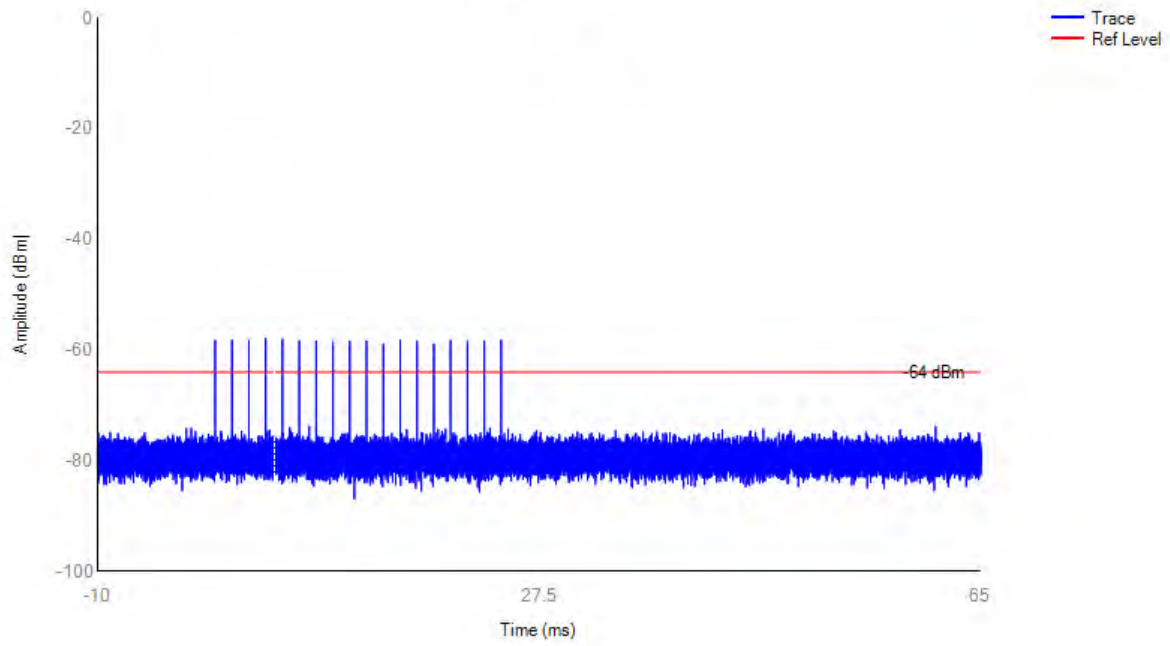
5510MHz n40 DFS\_FCC\_T0

Radar Calibration



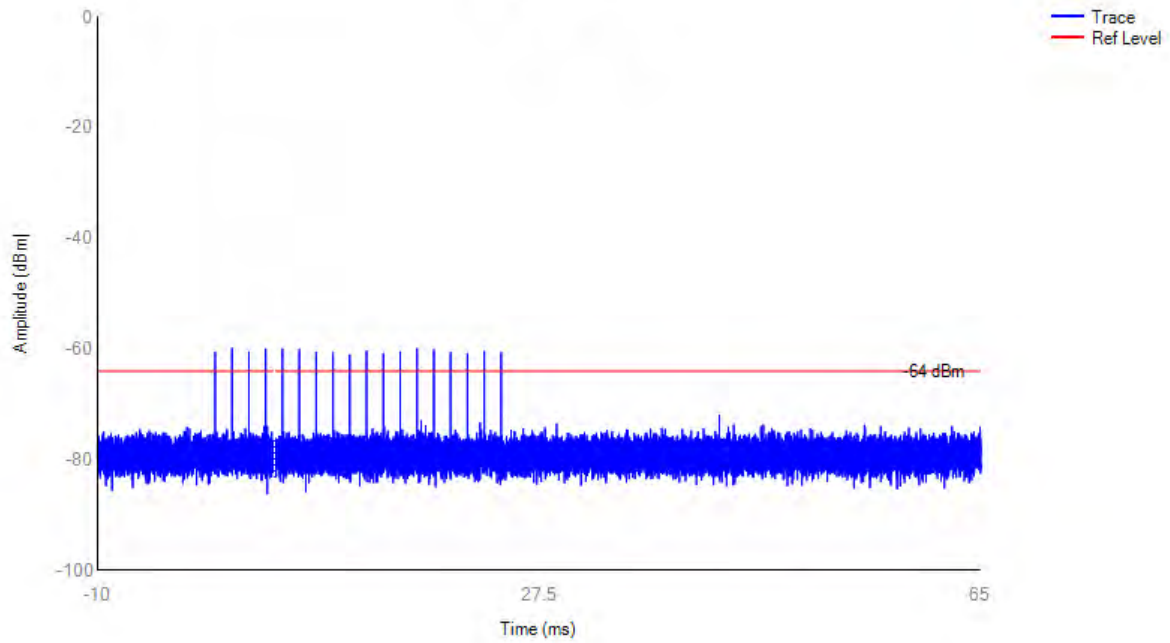
5290MHz ac80 DFS\_FCC\_T0

Radar Calibration



5530MHz ac80 DFS\_FCC\_T0

Radar Calibration

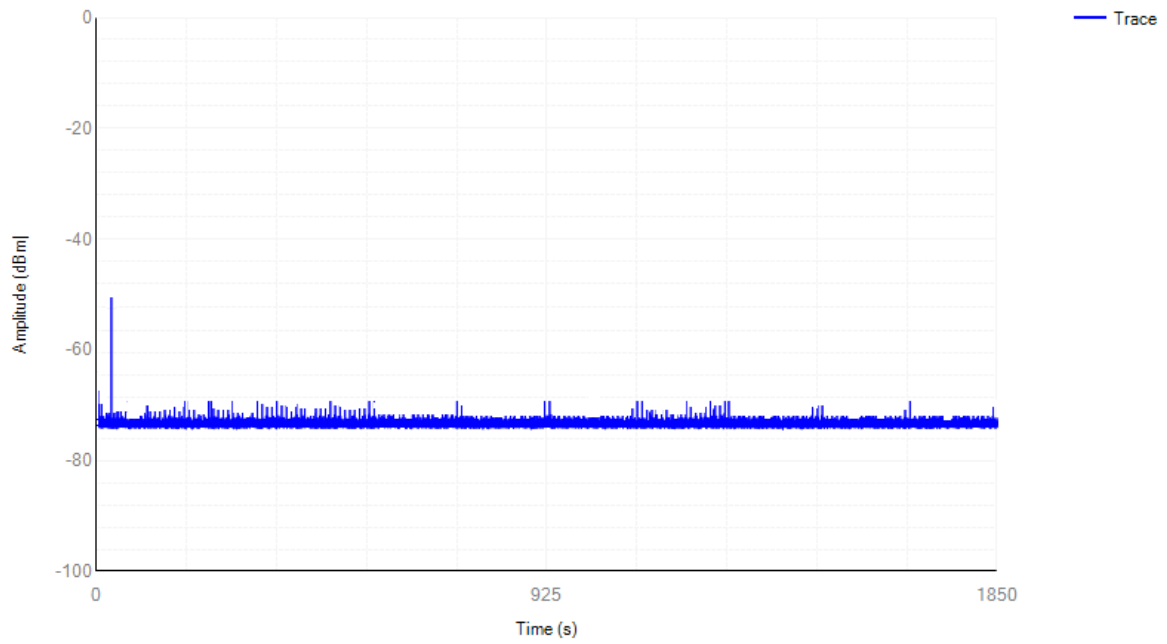


Non-Occupancy

5260MHz a Non-Occupancy

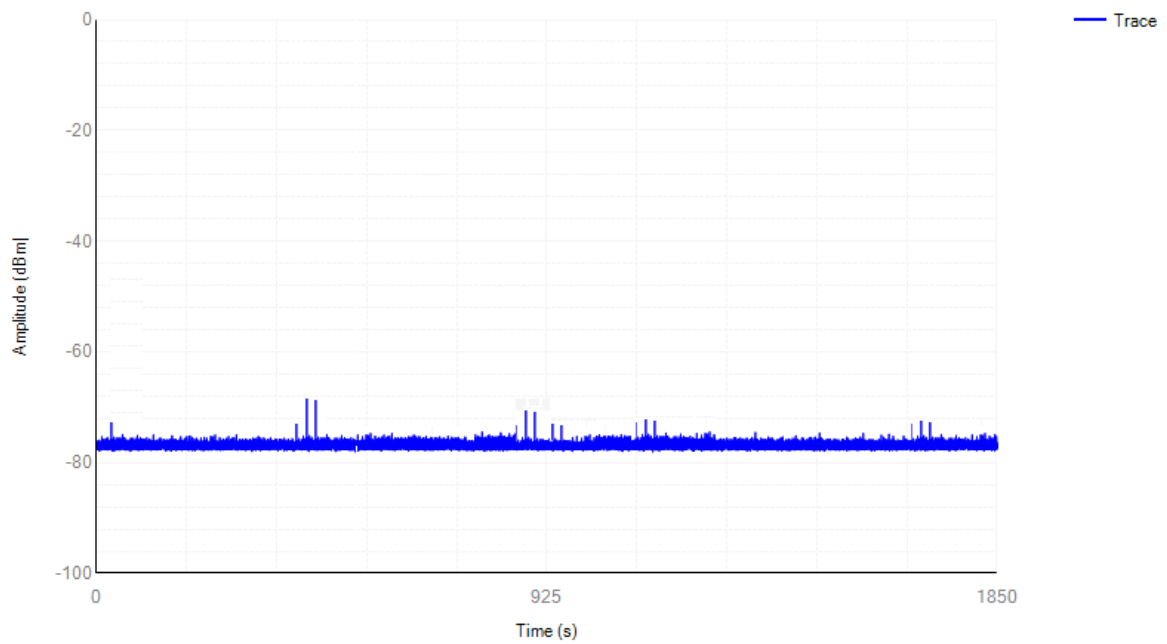


Non-Occupancy period



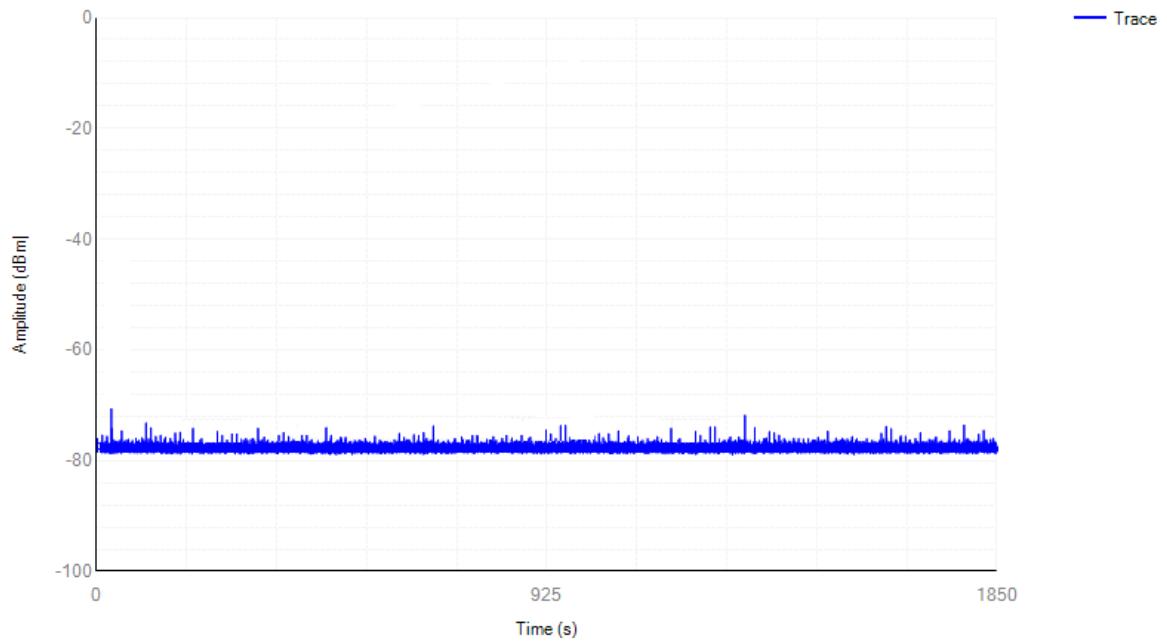
5500MHz a Non-Occupancy

Non-Occupancy period



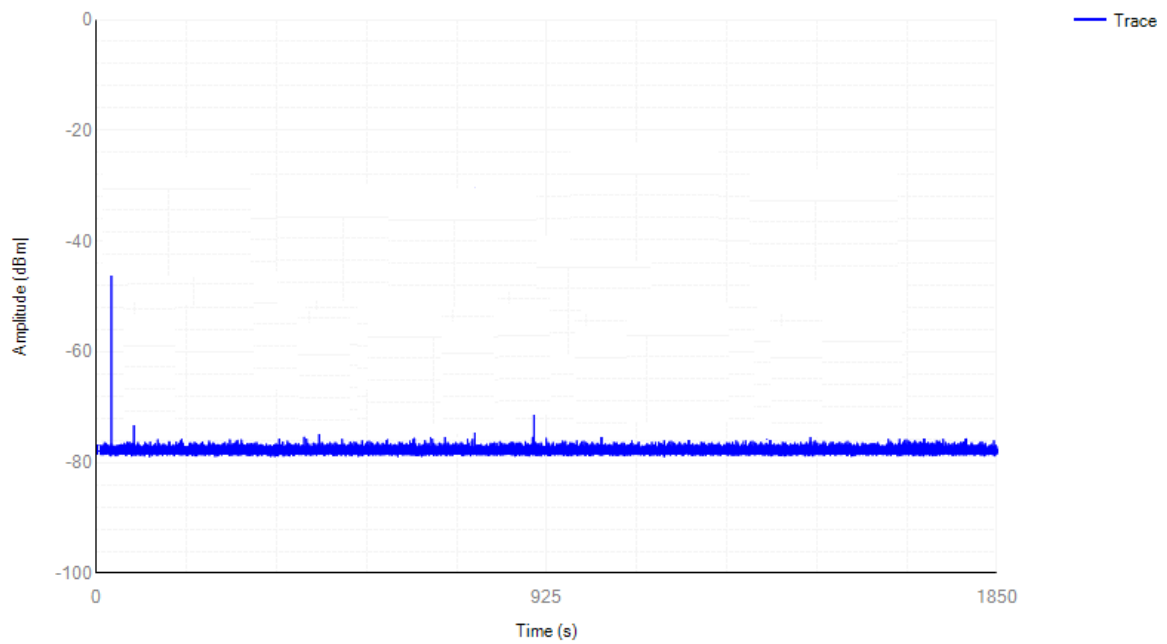
5270MHz n40 Non-Occupancy

Non-Occupancy period



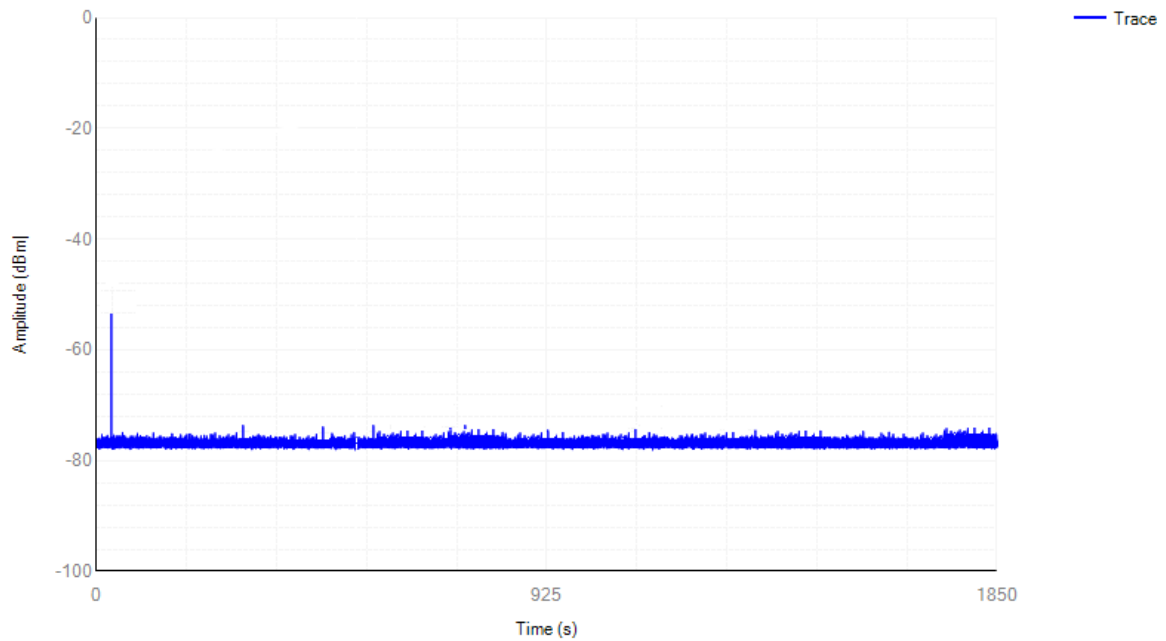
5510MHz n40 Non-Occupancy

Non-Occupancy period



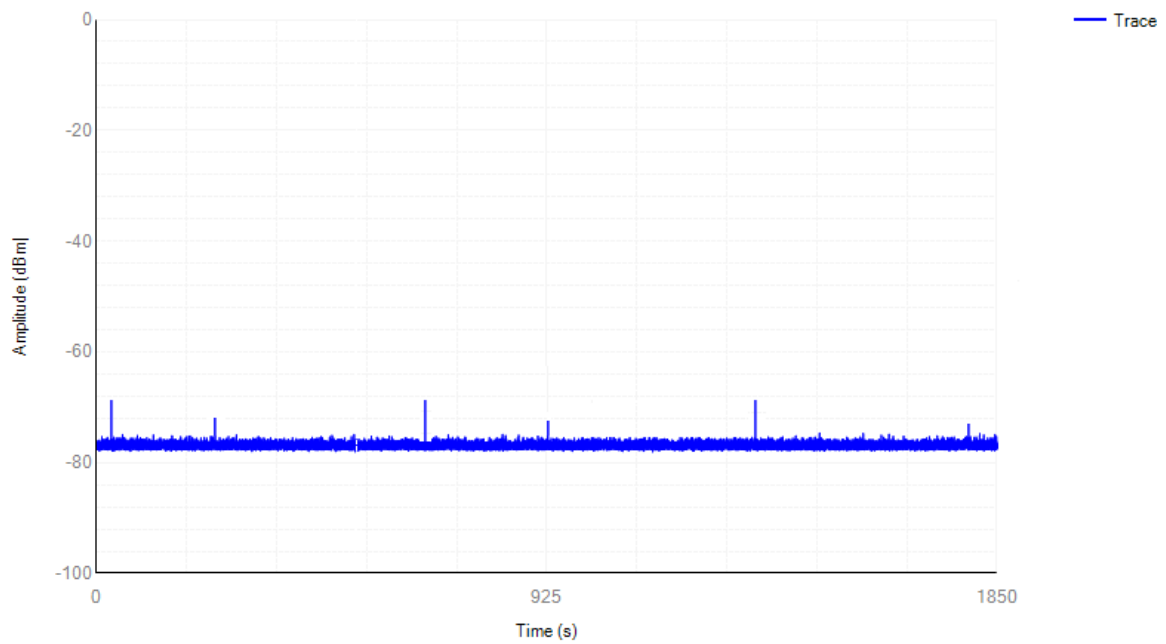
5290MHz ac80 Non-Occupancy

**Non-Occupancy period**



5530MHz ac80 Non-Occupancy

**Non-Occupancy period**



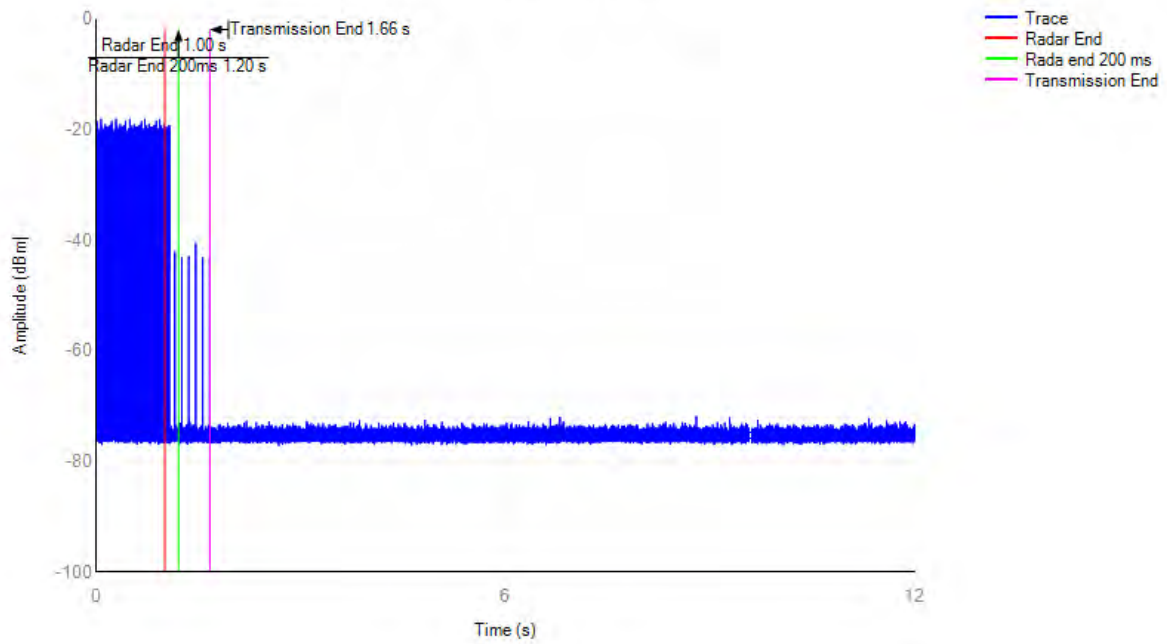
**Shutdown Time**

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5260	0.6588	10	0.0232	0.26	0.0036	0.06	Pass
a	5500	0.57	10	0.0172	0.26	0.002	0.06	Pass

n40	5270	0.5336	10	0.0068	0.26	0.0012	0.06	Pass
n40	5510	0.4556	10	0.0064	0.26	0.0008	0.06	Pass
ac80	5290	0.0648	10	0.0036	0.26	0	0.06	Pass
ac80	5530	0.3752	10	0.0052	0.26	0.0008	0.06	Pass

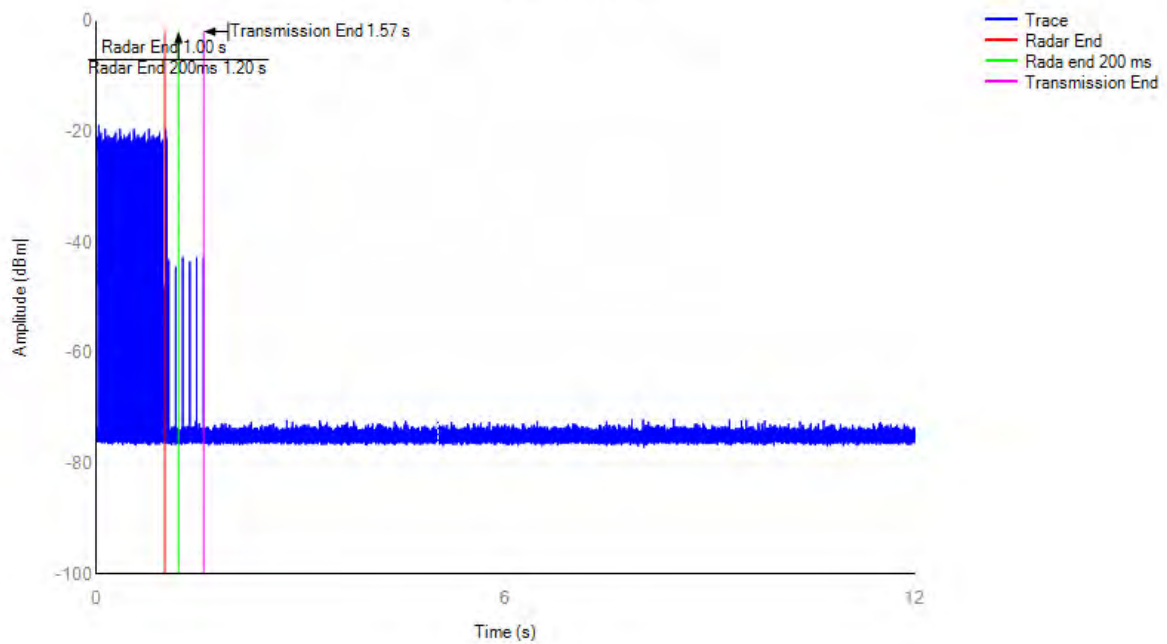
5260MHz a Shutdown

Channel Shutdown



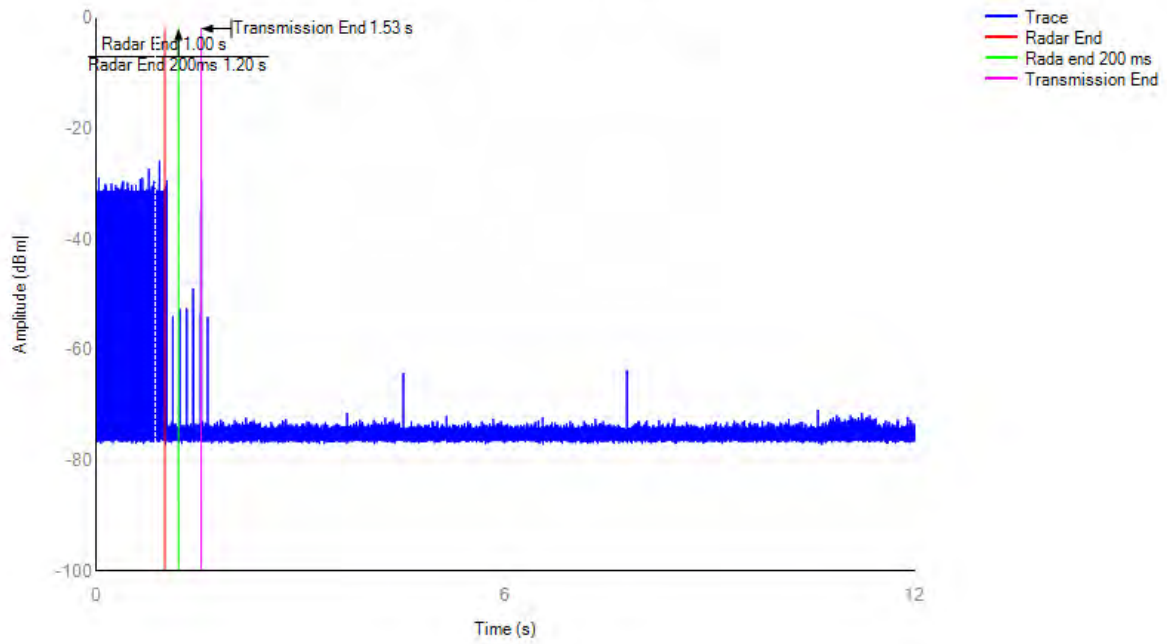
5500MHz a Shutdown

Channel Shutdown



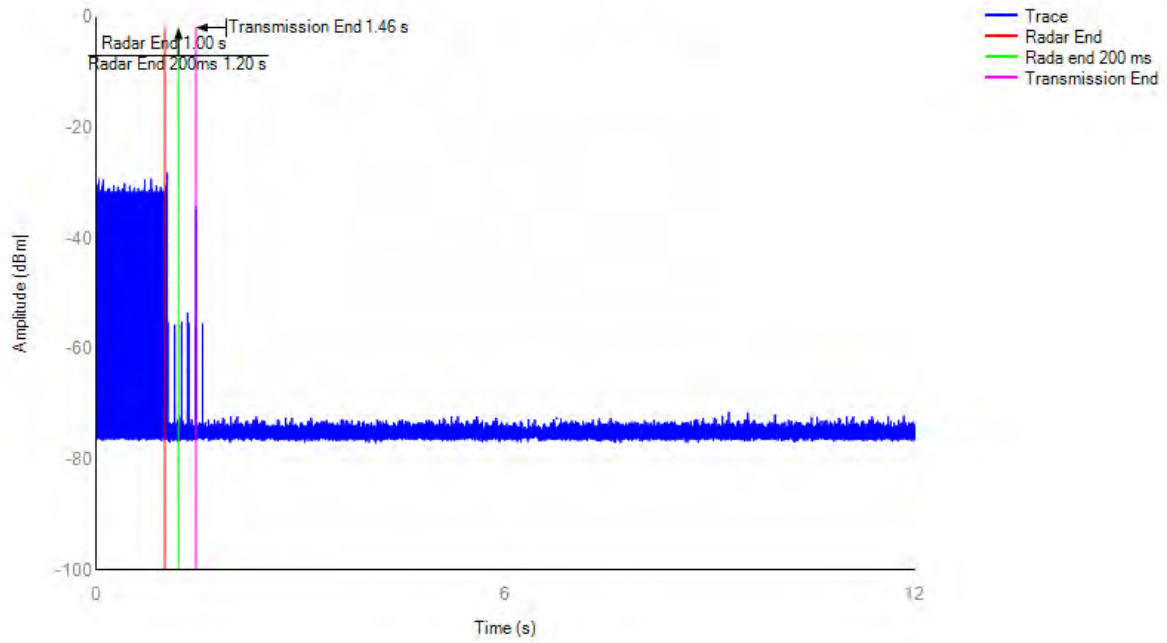
5270MHz n40 Shutdown

Channel Shutdown



5510MHz n40 Shutdown

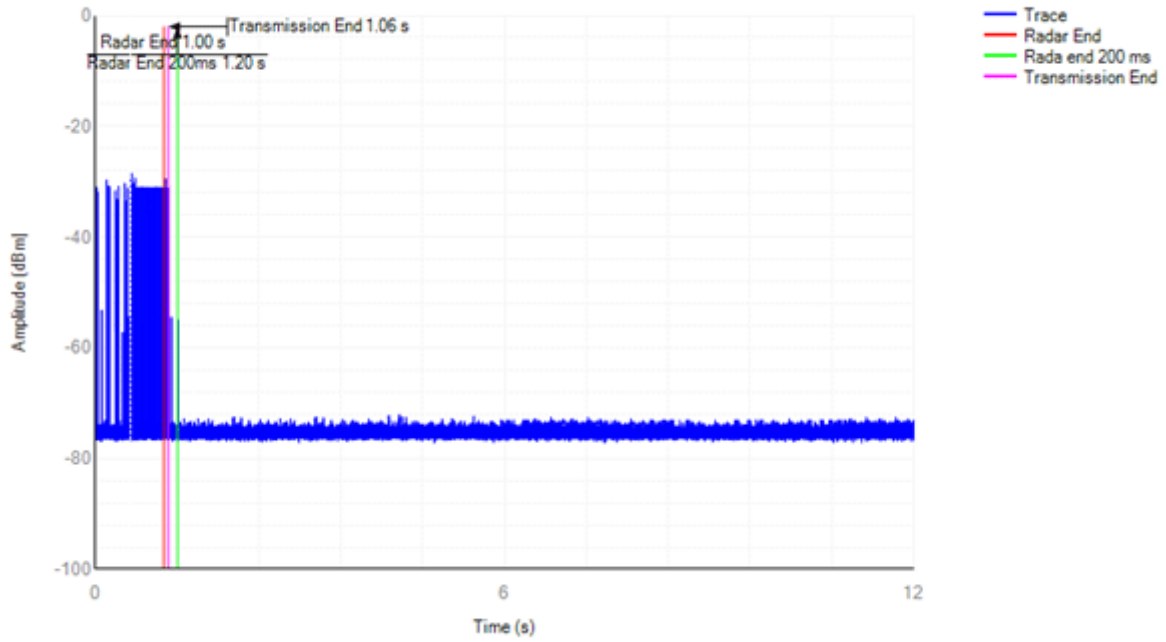
Channel Shutdown



5290MHz ac80 Shutdown



Channel Shutdown



5530MHz ac80 Shutdown

Channel Shutdown

